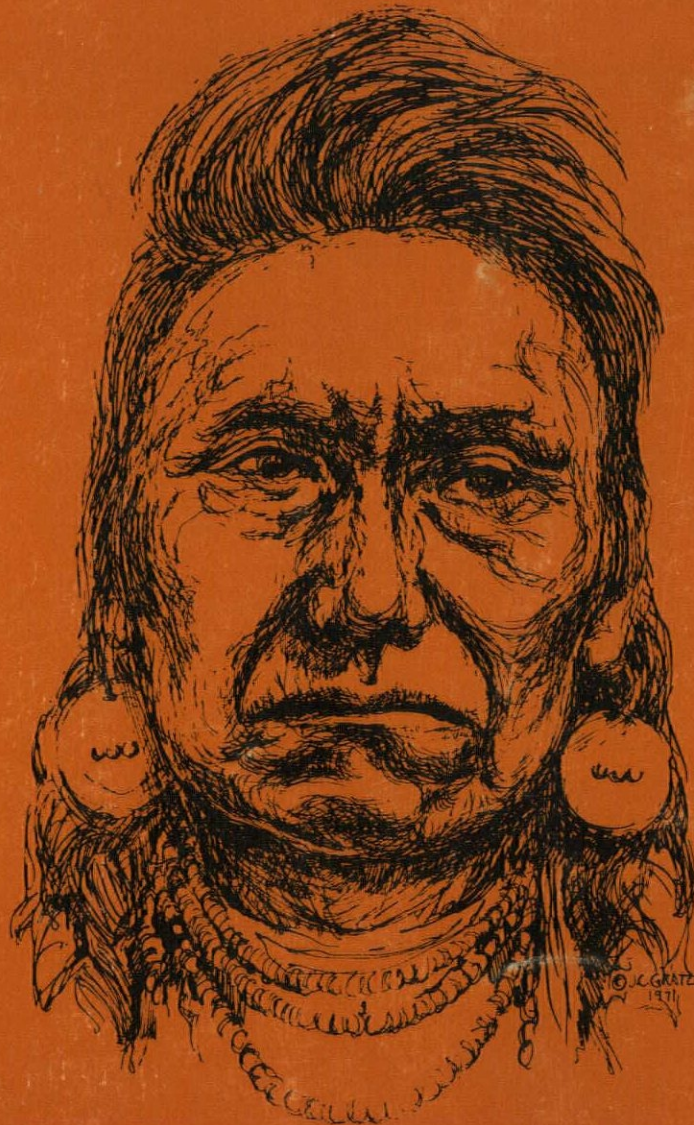


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ture/engineering/construction

# ***symposia***

june, 1972



"The earth was created by the assistance of the sun, and it should be left as it was... The country was made without lines of demarcation, and it is no man's business to divide it... The earth and myself are of one mind. The measure of the land and the measure of our bodies are the same... Do not misunderstand me, but understand me fully with reference to my affection for the land. I never said the land was mine to do with it as I chose. The one who has the right to dispose of it is the one who created it. I claim a right to live on my land and accord you the privilege to live on yours."

Chief Joseph    Nez Perce



# PROPAK —

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*Structural Engineer:* Gerald Schlegel  
*Contractor:* Loup-Miller Construction Company  
*Precast Concrete:* Prestressed Concrete of Colorado

The continuing demand for apartments has motivated the design and construction community toward finding more economical techniques to speed up construction without sacrificing quality of design or construction.

The Mountain View Village high-rise apartment building achieved this end with a totally precast building using exposed aggregate panels as bearing walls and hollow core slabs. Even the elevator shaft and stair wells were precast concrete.

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The 6" bearing walls all set on a bed of PROPAK non-shrink grout. The joints between the 8" hollow core slabs demanded a high-strength grout that would tie the slabs together and produce the necessary structural capability to resist high lateral loads from winds and seismic loads. PROPAK was again chosen to satisfy these design requirements.

PROPAK's structural ability was tested when twice during construction the building was subjected to 100 mph gales without any structural failure. This was achieved with high-speed construction techniques—two to three days to fully erect a floor and bearing walls and grout. PROPAK was called upon to be pumped from the ground to the 13th floor without sacrificing its structural ability. Also enhancing the versatility of PROPAK was the ability to lay carpeting directly on the hollow core slabs and grout.

PROPAK satisfied these design and construction demands economically for the Mountain View Village Highrise. Investigate the advantages of PROPAK non-shrink grout for your next project with precast concrete or site-cast concrete. You'll be glad you did.

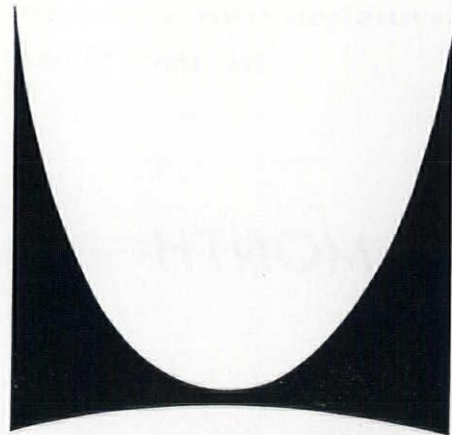
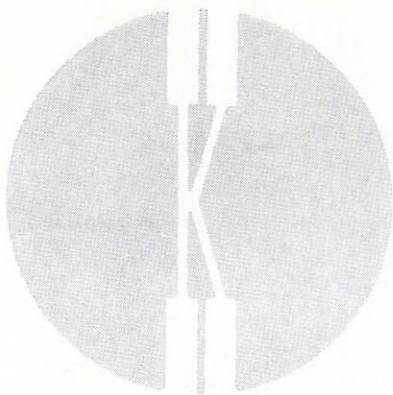


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# *symposia*

construction communications  
in the West

VOLUME 7

NUMBER 1

JUNE, 1972

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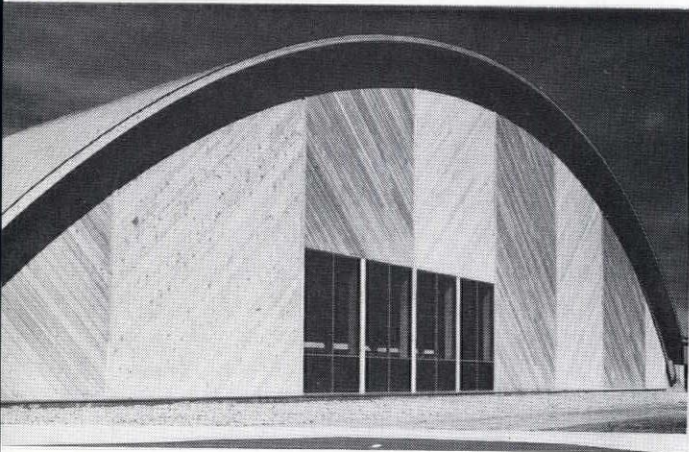
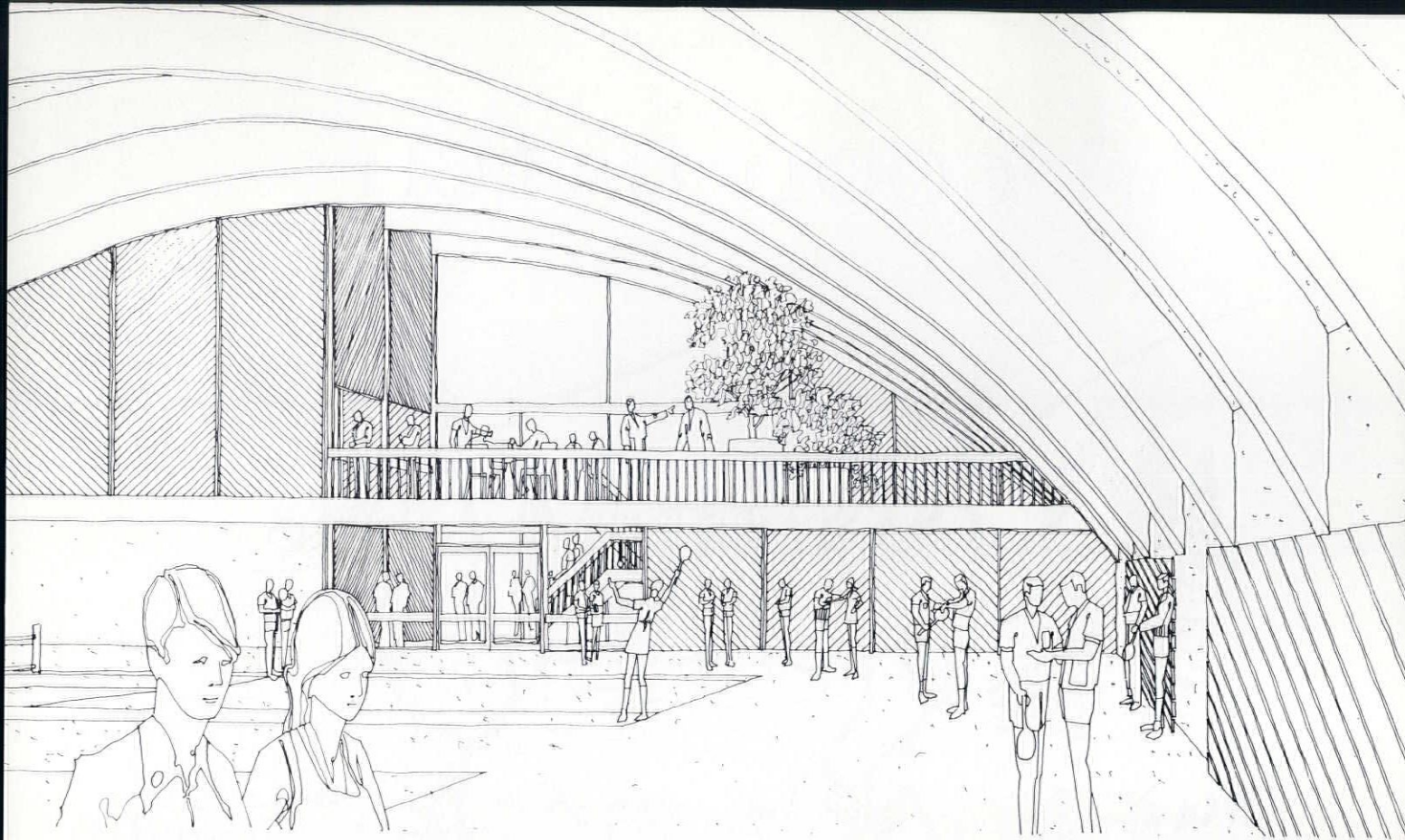
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The Tennis Center Architect: Virgil Magerfleisch



Heather Ridge Racquet Club Architect: Fiskin-Brin

## TENNIS!

Another indoor Tennis facility, "The Tennis Center", recently completed in Fort Collins, Colorado. According to Virgil Magerfleisch, AIA, the Fort Collins Tennis Center is the first such facility automatically controlled to allow self-service operation for both reserved and non-reserved time patrons.

The indoor facility has a total area of 18,000 square feet accommodating two courts, lounge, office, locker and toilet facilities.

Indoor Tennis is rapidly becoming more popular with all players, both Pros and amateurs.

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# GOOD CATCH

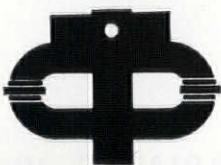


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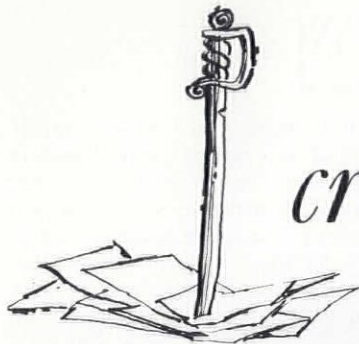


## COLORADO PIPE TRADES INDUSTRY

# PROGRAM

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## *critique*

(Since Symposia means an exchange of ideas—we provide this column for the bouquets and bulldozers—a chance to talk it over with your colleagues in the architecture/engineering/construction community. The welcome mat is out—address Symposia at 4070 Estes Street, Wheat Ridge, Colorado 80033)

Dear Mrs. Trunk:

The April Symposia that Matt Thompson, A.I.A., loaned me has a very interesting story of the Lake Mansion in Reno. He showed it to me because it is so much like our Slocum house here in Vancouver.

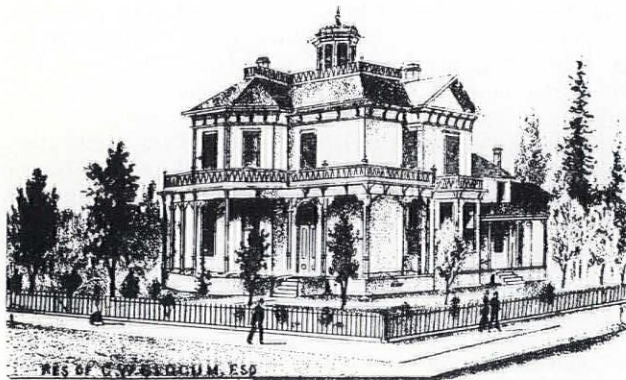
It was threatened by Urban Renewal. We started working on it in 1966 and are just now putting in the run plaster moulding that needs to be repaired. Mr. Hansen, 81 years old, and the plasterers union are helping with this. We have spent over \$25,000 on it and many hours of volunteer work.

The enclosed pictures give you some idea of this 105-year-old house that is being made into a little theatre after being moved across the street into a city park. By putting two rooms together we can have a 65-seat theatre with a 16-ft. wide stage.

If you would like more information or pictures of this house please let us know.

Sincerely,

Robert A. Hidden  
Vancouver, Washington



As our readers will note from the photograph — the resemblance between the Lake Mansion (see April's Symposia) and the Slocum House is indeed a striking one. We are looking forward to hearing more about the Vancouver project which certainly indicates the old and beautiful can be restored to a useful life in our modern world.

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Dear Fletch & Betty:

The time has come, I believe, for me to resign from your Editorial Advisory Board to make room for someone who can be more active. Needless to say, I have thoroughly enjoyed my association with you and Symposia, and only regret that I could not have been of greater help. It was fun watching Symposia develop into a highly read publication. I honestly believe it is the only publication the recipients really *enjoy* reading, and that as a result, most of them *do* read it. You've done a great job.

My new assignment as Lighting Standards Representative with Weyerhaeuser Co. requires extensive and almost constant travel from Louisiana and Texas to North Dakota and Wyoming and has necessitated resigning from the Board of WOOD Inc. and drastically curtailed my activities in CSI and Producers Council. Knowing of my particularly strong interest in CSI, you can appreciate how reluctantly I would reduce that activity.

It is with similar reluctance that I request withdrawal from your Board. I consider it an honor to have been listed for these past years and appreciate the opportunity. This doesn't mean that I expect to drop out of touch completely. (I also hope it doesn't mean you'll cut off my ration of a monthly copy!) To the contrary, I hope to see you both at as many meetings as possible and to keep in touch via Symposia.

The best of continued success to all of you—the Trunks and Symposia.

With Best Regards,  
Jim Barr

*We received Jim's resignation with great regret. He has contributed through the years in a very substantial way to the health and good fortune of our small endeavor. His articles on the lumber industry (his particular concern) and on C.S.I. gatherings here and there have added both information and sprightly comment to our pages. Jim has done much to bring a better understanding between all facets of the industry and deserves appreciation for "above and beyond the call" from all of us. We'll be missing you, Jim!*

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# NEOCON 4

A large number of Mountain States architects, interior designers, educators, hospital executives and business leaders will attend NEOCON 4, the fourth annual National Exposition of contract Interior Furnishings, in Chicago June 21-23 at the Merchandise Mart. According to Galen E. Seal, Jr. of Seal Furniture, Inc., regional coordinator for NEOCON 4, the exposition will offer an outstanding assembly of speakers from throughout the nation including three men from Denver and one from Colorado Springs.

NEOCON 4 is constructed around the themes of recycling of space, flexible planning, and the latest management efficiencies. Other current topics and vital issues related to all areas of man's interior environment will be probed in depth by speakers representing all phases of professional responsibility. The long list of speakers include such distinguished men as William Dunlap, general partner, Skidmore, Owings & Merrill; Edwin W. Hyka, chief, Material Management Branch, Dept. of Transportation, Washington, D.C.; Bernard F. Vinick, National President, American Institute of Interior Designers; Stuart Gilbert, IBD, president, Institute of Business Designers; William Toombs, project manager, Sears Tower, Chicago; Dr. R. Thompson Putney, experimental psychologist, Georgia State U.; Thomas A. Graham, P.E., president, Meridian Engineering, Inc., Philadelphia and Norman R. DeHaan, AID, AIA, chairman of the board, American Institute of Interior Designers.

One of the meetings will be on the subject of "The Auraria Project," a case history of three colleges and universities sharing facilities in one Denver complex for 40,000 to 60,000 students. Speakers will be Laurence E. Hamilton, director, Auraria Higher Education Center Project, Denver; F. Lamar Kelsey, FAIA, Lamar Kelsey & Associates, Colorado Springs and Donald H. More, AIA, More, Combs & Burch, Denver. Robert Caudle, AID, of Robert Caudle & Associates, Denver, will moderate a session on "Designing a Dining Experience for New Life-styles."

There are no registration fees or participation charges for all phases of NEOCON 4. All sessions will be of 90-minute duration with as many as four programs scheduled simultaneously for special interest groups. The schedule calls for all sessions to take place from 8:30-10:00 a.m. and 4:30-6:00 p.m., with remaining time set aside for visiting the hundreds of outstanding permanent showroom facilities of manufacturers. Registrations for NEOCON are now being accepted. Write to: NEOCON 4 — 830 Merchandise Mart — Chicago, Illinois 60654. All pre-registrants will receive program forms permitting reservations for sessions. A special low cost air fare-hotel package is available to Colorado people planning to attend NEOCON 4. For information, call Nancy Norris at 744-3481, Denver, Colo.

The regional committee of NEOCON is composed of Wayne C. Nuzum, dean of the College of Environmental Design at the University of Colorado; Dr. Robert H. Johnson, Jr., executive secretary of the Colorado Education Association; Richard P. MacLeisch, executive director of the Colorado Hospital Association; Will F. Nicholson, Jr., executive vice president of Colorado National Bank Shares, Inc., and Frank Zancanella, Muchow Associates, architects.



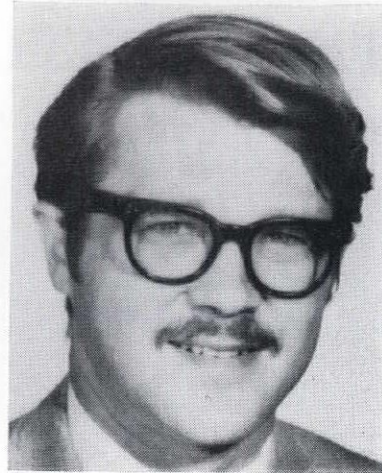
## Introducing: Ilmar Reinvald

Yes, up in beautiful JPB Country—on One July, there is a new Head of the School of Architecture at Montana State University at Bozeman. The gentleman is Ilmar Reinvald, associate professor of Architecture at Rensselaer Polytechnic Institute of Troy, New York who has been recently selected to succeed James Gough who has resigned to return to full-time teaching at the University. (Jim, incidentally, has headed the School for some five years.)

Reinvald was educated at the University of Illinois, where he received his Bachelor of Architecture in 1963, and the University of Pennsylvania where he earned his Master's in 1965. He is (was?) a member of the Eastern New York Chapter of the American Institute of Architects, and of that Chapter's Committee on Historic Preservation as well as the New York State Association of Architects.

During his sojourn in New York, Ilmar was most active in community affairs, serving as a member of the Rensselaer County Council for the Arts and the Troy Rehabilitation and Improvement Program. He was also a member of the Troy Professional Assistants, the West Ghent Community Development Corporation — and that group's Community Development Corporation.

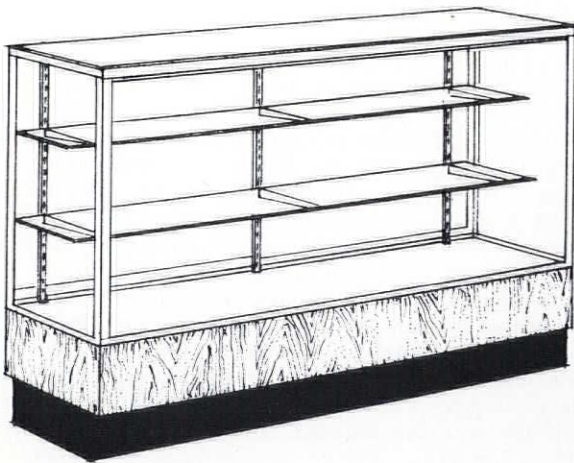
During his undergraduate years, Mr. Reinvald achieved several honors including the James M. White Award in 1963; honorable mention in the 1962 Competition of the National Institute of Architectural Engineers; two merit awards in the 1962 Ruberoid competition and first prize in the 1961 Koppers competition.



As an educator, he has been active on a number of academic committees in addition to his duties of teaching architectural theory and design. As an architect, he has designed a number of commercial, residential, educational and community buildings in New York and in adjoining states.

Born in Tallinn, Estonia, but a naturalized United States citizen, Mr. Reinvald — a sunshiny 35 — is married and the father of three children.

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# RESPONSIBILITY

## YOURS...AND...MINE

### Denver/C.S.I. Education Seminar

April 12, 1972

by: R. James Noone, CSI/AIA

Any conclusion must be tentative at this time but at our Seminar program we learned this:

It is important to clean up our procedures;  
Further, it's even possible;  
Even further, it's already underway.

The recital of abuses and problem areas by our panelists, Henry Baume, FCSI, Don Decker, AGC and Richard Steward illustrated the industry's demand for improvement. Present day ills will continue to compound without some effective resistance. We don't like what we now see, so it IS important to clean things up.

Our outspoken Architect, Henry Baume, spoke out. Why should the Architect assume responsibilities he may not be qualified to handle? Shouldn't the Owner be made to realize his own responsibility for obtaining legal and insurance counsel and input from outside the architectural realm? The Architect's role should be limited to solving the architectural problem, but not include the policing of bid-shopping, nor the guaranteeing of cost estimates of others, nor the adherence to ever changing code restrictions. Other architectural professional societies proclaim the ideal role of the Architect . . . but they do not define the role. Someone needs to.

The team-effort referred to, in cliché, is real, and necessarily so, because of the innovative construction processes demanded by our society. This view presented by Mr. Don Decker of the AGC stems from his exposure to the construction techniques changes he has experienced. No longer will there be field problems simply solved by the Architect's interpretation. Stringent new constrictions imposed by the Environmental Protection regulations, the Occupational Safety and Health Act and the Manpower and Training Act demand a continuing attention to the entire project through design and construction by all parties responsible for its execution. A team effort? You bet! There must be team respect for the talent of the Architect, for the expertise of the Engineer and for the integrity of the Contractor and his Subcontractor.

Challenging the expressed view that the Architect should not accept so much responsibility, Mr. Richard Steward asserted that, "Someone must lead." Subcontractors and Suppliers must have an acceptable leader to define the parameters of work expected so that they can properly execute it. The need for clearly prepared documents, specific requirements, (no catch-all phrases) good superintendents and frequent inspections during the work are common requirements in today's operation. They will still be vital in any changed role of team approach. In composing the documents we must continue to recognize this.

An interesting direction for resolving the questionable roles and responsibilities of Architect, Owner, Builder and Subcontractor was suggested from the audience. A very

basic direction dealing with Education . . . Education of the Architect, both academically and in practice; Education of the Public, Owners and Clients, as to what degree of participation is expected from that quarter; Education of the Builder in terms of techniques and schedules and code compliance. To avoid spending the rest of the night discussing the ramifications involved in this little bombshell we determined that we could act constructively in revising curricula and training only after we could define accurately the roles of the participants, and agree upon them.

Those of us requiring a grand-motivation received some moral stimulation from the Reverend Harley Schmitt, J.C.D., Pastor of Our Lady of Fatima Parish, who addressed us on the "Morality of Responsibility." An earlier Specification, thousands of years old, codifies some rules of conduct that discourage abuses. That spec is still current . . . perhaps we should enforce it better. Current news items indicate that the rejection of accountability exists in many fields of human endeavor. It's not the exclusive concern of the design and construction interests. If it is bad enough to be intolerable then it should be fixed, wherever it occurs. The people best equipped to do the fixing-up are the people involved in the specific problem.

In the design and construction industry,  
In the Colorado area,  
In the year 1972,  
. . . that's us.

Predictably, the people attending the seminar were the ones who needed the convincing the least. Indeed, they had evidenced their interest in achieving something better simply by being there. As sponsor of the Seminar the Denver CSI chapter was well represented. The recently formed Construction Industry Research Council (CIRC) appeared with its strength. All of our panel speakers, Baume, Decker and Steward, and Mr. Terry Strong, CSI, of Colo. Springs, are CIRC members and made contributions to the program content. The two organizations have decided to work together toward establishing acceptable procedural rules that will at least diminish the present abuses. Resolving some of our responsibility problems seems not only possible, but highly probable. We are already underway.

Subsequent comments from several Seminar participants provided a succinct evaluation of the program's effectiveness. Just change the theme question, "Responsibility . . . yours or mine?", to a simple statement of fact, "Responsibility . . . yours AND mine."

First let's define, and then educate.

(Elsewhere on our pages this month—you can "read all about it"—the Construction Industry Research Council, that is, in an article written especially for Symposia by Terry Strong, CSI/AIA, of Colorado Springs.)





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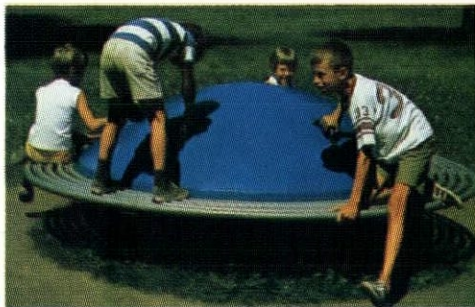




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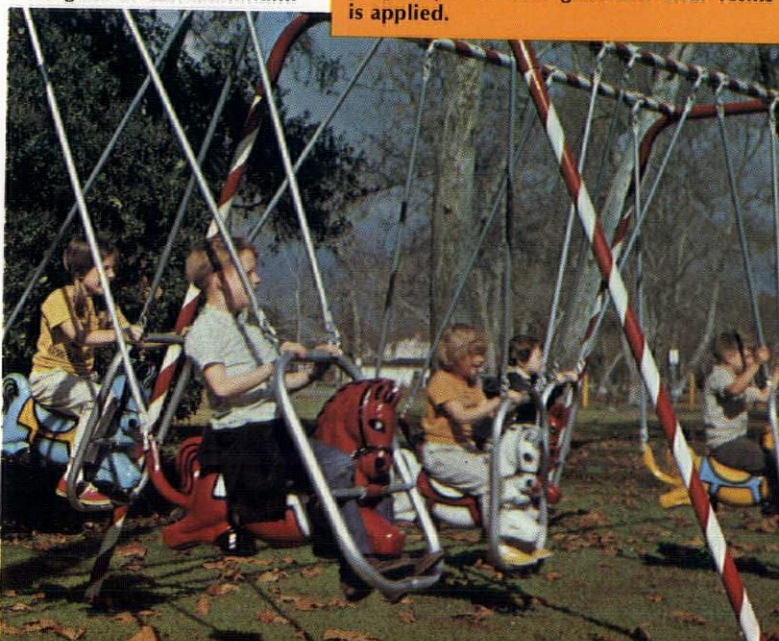
**BILLY GOAT GRUFF**—A climb up steps, the thrill of a swaying bridge, the feel of height on a sturdy platform and a slide back to earth create the excitement with this 29-foot "funster." Full-color caricature animals attach to sides of bridge and scary troll underneath lend extra thrills. Order Model No. 502.



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trostatic application of long-lasting red and white enamel provides a durable base for the unique candy-stripe design, then a tough layer of fiber glass and clear resins is applied.





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Model 1200, steel legs  
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## In August **ALASKA** Northwest Regional Conference American Institute of Architects

As August draws to a close . . . the 31st — and as September begins . . . the 1st and 2nd — members of the Northwest Region will be Alaska bound! There at the Anchorage-Westward Hotel, architects will discuss the Institute's "Strategy for Building a Better America" as it will apply to the wide and beautiful country of the Northwest. Already booked for appearance is Archibald C. Rogers, FAIA, who was Chairman of the National Policy Task Force — the group responsible for this study given full approval at the National A.I.A. Convention in Houston. Other and equally prestigious speakers will also appear on the program and the Host Chapter has planned what might be termed a "spectacular" in special tours and events.

This can't be easy — Alaska is a bit like Wyoming and as Jerry Deines is wont to say — "There are not too many warm bodies in Wyoming". Earl Fullingim, AIA, Secretary-Treasurer and Publicity Fellow for the Conference serves as our Alaska pipeline and has put the problem succinctly and well —

*"Hosting this Conference will be the largest project ever undertaken by The Alaska Chapter/AIA which has only seventy-five members — seventy in Alaska and five in other states and countries. Those in Alaska are scattered over a very large area. One comparison I like to use . . . 'Imagine 48 members in Seattle, nine in Spokane, 11 in Reno and two lonely souls in San Francisco with lots and lots of beautiful scenery and three time-zones in between. Our roads are good, but hardly direct due to mountain ranges, inland passages, glaciers, major rivers and other scenic wonders. Most of our travel is by air with good scheduled and chartered air services. We are probably the 'flyingest' people in the world.' 'All of us in Alaska are looking forward to the Conference and we know that the visiting Architects and their wives will have a great time in 'The Great Land' called Alaska!"*

Now, if you think you are going to "rough-it" in Alaska . . . no way! The headquarters hotel — the beautiful Anchorage-Westward has everything you could expect in a fine hostelry . . . exceptional food, beautiful restaurants, entertainment, versatile meeting facilities — yes, and the kind of service you had forgotten existed.

Located within minutes of the major business and shopping center of Anchorage — the Anchorage-Westward is only fifteen minutes from the International airport often called the "air crossroads of the world". There are 440



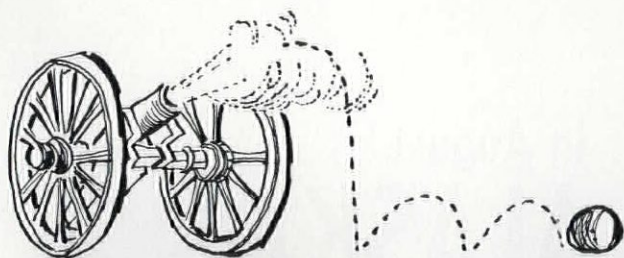
*The new and beeyootiful Anchorage-Westward Hotel, headquarters for the 1972 Northwest Regional. The rendering is from Durham, Anderson, Freed Company — Architects, Seattle.*

luxurious accommodations, a crystal-chandeliered main ballroom which will accommodate 650 and the view from the new restaurant high atop the hotel is breath-taking. In other words . . . here is the "creme-de-la-creme" of accommodations at the very top of the world.

Nope . . . nobody is going to rough it in Alaska. The days of the Yukon, Robert Service and "Dangerous Dan McGrew" are but memories! It's going to be **great** in Alaska come August. Don't miss it!



# a symposia salute



TO: The newly invested Fellows of the American Institute of Architects who make their homes in Symposia Territory. On May 8th at the annual AIA Convention in Houston, seven Western architects were honored with Fellowship in the Institute . . . an honor only surpassed by the Gold Medal. Our most sincere congratulations to these gentlemen on the addition of F.A.I.A. which will proudly follow their names from this time forward!

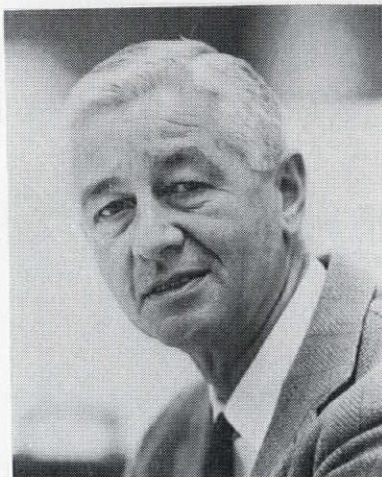


**RICHARD M. ARNOLD, FAIA**  
Central Arizona Chapter

Dick has managed throughout his career to stay in sunshine country. He was born in Rome, Georgia in the heart of the "you-all" country, received his Bachelor's in Fine Arts from TCU and completed his architectural studies at the North Carolina School of Design. Prior to his migration to Phoenix, he spent some seven years in Raleigh as an employee and in what he terms "limited private practice".

In 1959, he joined the firm which is now known as Guirey, Srnka, Arnold and Sprinkle in the Valley of the Sun, and has been an active member of the AIA for well over a decade. He was President of the Central Chapter in 1968 and the Arizona Society in 1969. Dick was one of the "founding fathers" of the Arizona Council of Professions and served as its President in 1970 and 1971.

He is married and he and his wife, Ruth, are the parents of two children . . . Steve who is 19 and Laura who is 15. He served a brief stint on Symposia's Editorial Board before the pressure of his practice forced him to resign. We've missed him, but we are all "pleased as punch" with his new honor. Congratulations, Dick!

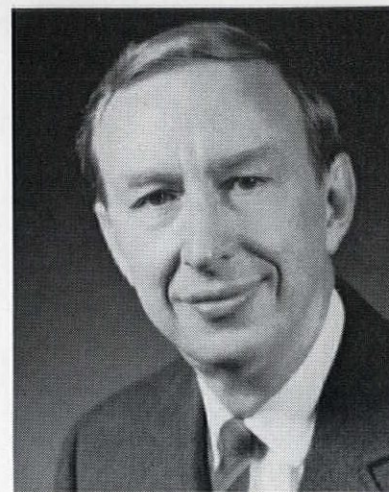


**ROBERT L. BLISS, FAIA**  
Utah Chapter

One might say that Professor Bliss is something of a "travelin' man" since he was born in Seattle, Washington, received his Architectural degree from the Massachusetts Institute of Technology and following service in both the Army and Merchant Marine during World War the Twice practiced and taught architecture in Minnesota. He is, at present, Professor and Chairman of the Department of Architecture at the University of Utah in Salt Lake City, a position he has held since 1963.

Bob has been a Corporate Member of the Institute since 1956, a Director of the Minneapolis Chapter, 1959-'63, and served as Historic Preservation Officer from 1957 to 1960. Since moving to Utah, he has been a member of the National Committee on Education and Research, 1967-'69; President of the Utah Heritage Foundation, 1968-'70; President of the Association of Collegiate Schools of Architecture — Director: 1960-'63 and President, 1967-'69. He is presently a representative on the AIA's Human Resources Council, President of ASSIST (CDC/Utah) and a member of the Advisory Council representing Utah on the National Trust for Historic Preservation.

Professor Bliss and his charming w.f.e,



the former Anna Campbell, are universally regarded as a "great team" in Utah . . . and in academic circles throughout the U. S. of A. The F.A.I.A. is richly deserved by this fine gentleman and scholar.

**DEVON M. CARLSON, FAIA**  
Colorado Central Chapter

There is always that happy feeling of "home town boy makes good" when the new Fellows are announced each year. Certainly that is true of Dev Carlson who directed the development of architectural education in Colorado from non-existence to full college status. Born in Topeka, his first degree (B.S. in Architecture) is from the University of Kansas — his second (B. S. in Architecture/Engineering) from Colorado University and his Master's was achieved on scholarship at Columbia.

Since 1961, Dev has given unstintingly of his time and talents to the Institute . . . he has been director, Vice President and President of the Colorado Central Chapter and a member of the National Scholarship Committee. Appointed to the State Board of Architectural Examiners in 1960, he served as both Vice President and President during his six year term. A noted authority on architectural history and theory, he has co-authored the text — "An Approach to Archi-



tectural Design", and wrote the delightful guidebook — "Architecture/Colorado — Mountains, Mines and Mansions".

Retiring as Dean of the College of Architecture in 1971, Dev has been on sabbatical devoting a part of his time to developing new courses to be implemented at the University of Colorado in 1972-'75. He will return to being "just a plain professor" there this next Fall. But "just plain professor" Carlson offers students a very great deal.

We are happy for Dev — for his lovely wife, Mary, and for all five of the Carlson moppets. Nice to have a "Fellow" in the family!

#### **FRANCIS S. HAINES, FAIA** **Hawaii Chapter**

The Hawaii Chapter came on like gangbusters this year, with three of their talented members elected to the College of Fellows. The first (alphabetically, that is) is Frank Haines of the firm of Lemmon, Freeth, Haines, Jones and Farrell/Architects, Ltd. of Honolulu and Maui. He graduated from Princeton with his Bachelor's in Architecture in 1941, served as an officer in Uncle's Navy until 1946 and then headed back for the campus. He received his Master's in Architecture two years later from the Massachusetts Institute of Technology.

Frank was president of the Hawaii Chapter in 1961, and has served willingly and well in many capacities through the years. He was active in the formation of the Annual Pan-Pacific Award Citation Program, has been chairman of the Chapter's Design Committee on five occasions. He is presently a member of the Institute's Design Committee.

Considered as something of an expert on low-cost housing design, Mr. H. was Task Force Chairman for the formation of the nonprofit Hawaii Council for Housing Action. He has worked tirelessly with volunteer organizations for low-income people.

Our most sincere congratulations to Mr. Haines on his new Fellow's medal. Wear it in good health!

#### **ERNEST H. HARA, FAIA** **Hawaii Chapter**

The second lei of Fellowship in the Hawaii Chapter was presented to Ernest Hara, who is a graduate of Punahou School, attended the University of Hawaii and graduated with

his B. Arch. from the University of Southern California. He was licensed to practice in Hawaii in 1941, and initiated his own firm in 1945. He has served as both member and chairman of several important Chapter Committees, but his most outstanding service and accomplishment has come as "Gavel-Man" for the Governmental Relations Committee in 1959, '68, '69, '70, '71 and 1972. His work and that of his committee can be credited for much legislation favorable to the Construction Industry.

Mr. Hara was Vice-Chairman of the recessed AIA Convention in Hawaii in 1968, and conducted the Post Convention Tour to Japan, Taiwan and Hong Kong. A member of the State Board of Registration for eight years, he was chairman for three and chaired the NCARB Convention held in 1968 in Hawaii.

He is presently on the Board for Directors for the Symphony Society, the Chamber of Commerce and the Hawaiian Trust Company. Mr. Hara is also a Trustee of the Honolulu Academy of Arts, Punahou School and the Foundation for Study in Hawaii and Abroad, and is President of the Trojans Alumni Club of Hawaii.

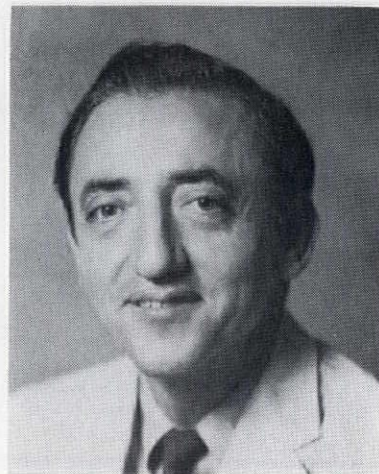
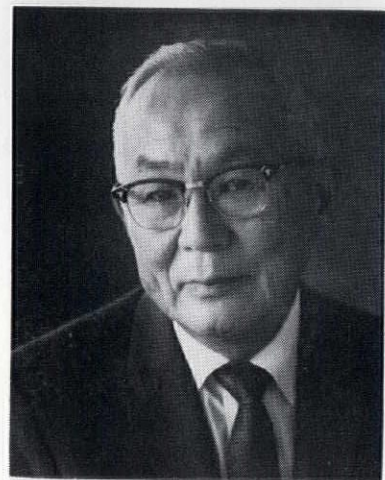
His son, John is also an architect with his own practice and also a teacher of architecture at the University of Hawaii.

And with this Salute . . . we join the happy chorus of congratulations to Mr. Hara . . . kudos are in order!

#### **ROBERT B. MARTIN, FAIA** **Salem Chapter**

It is one thing to be the "home town boy who makes good" — but when that home town is there because you helped create it . . . it's something else again. And that is true of Bob Martin and Lincoln City, Oregon. A brief listing of his present town responsibilities tells the story . . . Mr. Martin is Consultant to the Lincoln Planning Commission, on the Board of Directors and President of the Lincoln Council for the Arts and Humanities, the Lincoln City Chamber of Commerce (President-Elect in 1969), Chairman of the Board of the Depot Bay Rural Fire District and Director of the Lincoln City Division of Low Cost Housing and Neighborhood Facilities.

*From top to bottom . . . all with new FAIA's . . . Francis Haines, Ernest Hara, Robert Martin and Edward Sullam.*





Mr. Martin has rendered equally distinguished service to his profession—he was Secretary, Vice President and President of the Portland Chapter; his personal efforts toward bringing all Chapters together in the Oregon Council of Architects is notable and he has worked diligently for the Engineers and Architects Council. He also served as Director of the Northwest Region/AIA.

As Mr. Martin's Sponsor for Fellowship has written: "Mr Martin has touched all areas of civic improvement, need of governmental projects, conservation and beautification of communities, renewal of blighted areas, concern for public safety, health and welfare. This sustained effort of Mr. Martin has not only earned him distinction but the results in improved living environments for untold numbers of people will be felt for generations to come."—And this certainly represents the highest ideals of the Institute—and what Fellowship really means. We salute you, sir!

#### EDWARD SULLAM, FAIA

##### Hawaii Chapter

Crossing a continent and halt an ocean . . . Ed Sullam set up his private practice in Honolulu in 1958 as Edward Sullam and Associates. A native of New York and a graduate of the Carnegie Institute of Technology and Cooper Union for the Advancement of Science and Art—Mr. Sullam has received a number of Design Awards in his home chapter as well

as the National AIA "Homes for Better Living" citation in 1965.

Mr. S. has served his home Hawaii Chapter in a number of positions—President, for instance, in 1967. He has long been a proponent of good architecture, urban design and was "speaking out" on environmental and preservation causes long before these topics became an "in-thing."

His philosophy is expressed through his own quotation of Eliel Saarinen . . . "We're not sculptors. We have a bigger task. Architects have to look beyond the immediate needs of a project to see how it fits into a larger picture always bearing in mind economic limitations."

Mr. and Mrs. Sullam are at one in their aims for a better and more viable community . . . his wife, Fredda, is a present member of the Honolulu City Planning Commission. A "team," in truth, and our salute is always to those who can work together.

## 1972 AWARDS PROGRAM

To provide recognition for excellence in design through the use of precast and/or prestressed concrete, the Prestressed Concrete Institute has an-

nounced their 1972 Awards Program. This is open to all registered architects and engineers practicing professionally, and government agencies in the United States, its possessions and Canada (except Directors of PCI, all Active Members and their employees).

Entries are simple to prepare—most design professionals will have the materials needed in their own files—and any type of structure qualifies. Entries must be received not later than July 10, 1972 at the Prestressed Concrete Institute, 20 North Wacker Drive, Chicago, Illinois 60606.

Attention in judging will be given to the use of precast/prestressed concrete to achieve aesthetic expression, function and economy, as well as the structural system to achieve design intent. Interesting methods of systems integration will also be recognized as will ingenuity in the use of materials and methods. The 1972 Jury of Awards will be chaired by Max O. Urbahn, FAIA, President of the American Institute of Architects and includes Herbert Beckard, AIA; Jean-Louis Lalonde, FRAIC; John E. Rinne and J. Caldwell Wilson, P. E.

For further information, contact the Prestressed Concrete Institute at the address given, or the prestress producer in your area. In Colorado, architects and engineers may call Wally Prebis, Director of the Colorado Prestressers Association at 303-238-5674.



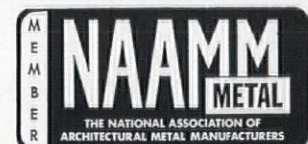
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warrantees, lien waiver procedures, final inspections, and legal liability in the construction industry. Suggestions for other studies are solicited, however as one member put it recently "Geez! We've got enough work for ten years now."

Which leads us to a question sometimes asked of CIRC members—"How in the world can you afford to devote so much time to it?" I suppose the answer would be that we believe our industry could indeed stand considerable improvement. To believe otherwise would be to imitate the ostrich . . . with his head in the sand and his raised posterior in an extremely vulnerable position.

And what about the poor subcontractor? Will he still be crying in anguish five or ten years from now? Do leopards have spots? Of course, he will, but hopefully he won't have reason to cry as loudly or as often.

#### Construction Industry Research Committee of Colorado

Dorothy Albers	Architect
Henry Baume	Architect
Bill Birkett	Trade Assn. Exec.
Ken Christensen	Trade Assn. Exec.
Ed Day	Consulting Engineer
Fred Haynes	Equipment Supplier
Bob Heapes	Equipment Supplier
H. C. "Red" Oliver	Electrical Contractor
G. E. Johnson	General Contractor
Ed Kwiatkowski	Mechanical Contractor
Jim McFall	Consulting Engineer
Max Morton	General Contractor
Doug Palmer	Architect
Bill Petersilie	Architect
John Reece	Architect
Bob Rice	Consulting Engineer
Terry Strong	Architect
William R. Truax	Trade Assn. Exec.

## THE COLORADO PLAN

### Uniform Bidding Procedure

#### A. Prequalification

General, Mechanical and Electrical Contractors shall be prequalified with the Owner or some other entity set up for this purpose. Prequalification should be renewed on an annual basis. Prequalification should be categorized according to job size. Prequalification should be selective enough to limit the number of Contractors bidding (where statutes allow) in each category.

#### B. Mechanical-Electrical Bid Opening

Bids shall be taken at a public bid opening on Mechanical and Electrical Subcontracts. Proposal forms shall provide a method where the subcontractor may "Add," "Deduct" or "No Bid" to a specific General Contractor. Subcontractor shall include an allowance in his bid for a 100% performance and payment bond in favor of the General Contractor and shall state the amount included on the proposal form. He shall enclose with his proposal bid security in favor of the Owner. The General Contractor is to have the option of deleting cost of performance and payment bond should he so desire.

#### C. Assignment

All sub-bids received at the Mechanical-Electrical bid

opening shall be evaluated immediately and any informalities settled by the Owner and Architect at that time. All valid sub-bids shall be assigned to the General Contractors. The Owner shall make available to the General Contractor a copy of the official bid tabulation after the Mechanical-Electrical bid opening. The General Contractor may use any sub-bid he desires but it must be from one of the subcontractors listed on the official bid tabulation.

#### D. General Bid Opening

Bids shall be taken on the same day for the General Contract including Mechanical and Electrical work as subcontracts. The General Contractor shall list names of the Mechanical and Electrical subcontractors used on the proposal form.

#### E. Alternates

Alternates should be limited in number, and be simple and clean in scope. List all alternates on all proposal forms including Mechanical and Electrical. If subcontractor is not affected he will mark "No Charge" on his proposal form. Thus, the same numbering system is maintained for all trades. Unsolicited alternates shall not be used.

#### F. Method of Award

Contract shall be awarded on the basis of the low base bid combined with alternates taken in order of their listing. Thus, alternates shall not be used to pick and choose the Contractors but may be used to adjust the contract price to the funds available.

#### G. Subcontractor List

The Architect shall designate apparent low bidders at the time of bid opening. A complete subcontractor and material supplier list shall be submitted to the Architect by apparent low bidders on forms provided by the Architect with 72 hours + — after bid opening. Date and hour should be included in the specifications and may vary due to weekends and holidays.

#### H. Notice of Owner's Decision

Apparent low bids shall be evaluated and a formal notice of the Owner's decision issued as soon as possible and in no case more than thirty days after the bid opening.

## SOME FURTHER COMMENTS

#### Prequalification

As is the case with other bidding plans, prequalification of General, Mechanical and Electrical Contractors is the single most important element in the recommended Colorado Plan. With the possible exception of the marginal or unqualified contractor, prequalification is advantageous to all concerned. The Contractor benefits by assurance that he will be on a reasonably even basis with his competition. On the other hand, both the Owner and the Architect benefit through the elimination of the multitude of problems that invariably follow the selection of an unqualified or financially unstable contractor. A poll of 10 General Contractors conducted by the Committee indicated that, without exception, all were in favor of some form of prequalification.



Some consideration has been given to the possibility of setting up a central clearinghouse for prequalification on a State-wide basis. This is a complicated procedure and will require considerable study by the Committee and other interested groups if, indeed, it is to become a reality. In the meantime, we must depend upon the prequalification list of the individual owner and/or his architect. There is, of course, the danger of prequalified bidders lists becoming obsolete and it is, therefore, urged that such lists be updated on an annual basis at least, if not more frequently.

With regard to the number of Contractors who should be allowed to bid on any specific project, it was the opinion of the Committee that where a means to do so exists under Statute, the bidders list should be limited to six.

There is no evidence that a higher number will produce a more competitive bidding situation. Rather it was felt by the Committee that the individual bidder will be more competitive if he knows that his competition is limited.

#### **Mechanical-Electrical Bid Opening**

The desirable time lapse between the Mechanical-Electrical bid opening and the General bid opening was discussed at some length by the Committee with options varying from as little as four hours to as long as 48 hours. Where similar plans have been used, contractors and subcontractors have expressed a preference for an 11:00 a.m. opening on the same day for the General Contract. The time lapse does not appear to be critical to the success of the Colorado Plan and may be varied to fit the situation.

It was the opinion of the Committee that the General Contractor should have the option of requiring a 100 per cent performance and payment bond from his mechanical and electrical subcontractors if he feels it necessary and that the Owner would directly benefit from this procedure. If, on the other hand, the General Contractor is familiar with the subcontractor in question and wishes to omit the subcontractor performance and payment bond he will have the option of passing this savings on to the Owner through a lower bid. Since a breach of contract on the part of a large subcontractor can be almost as disastrous to the Owner as that of the General Contractor, it was felt by the Owner as that of the General Contractor, it was felt by the Committee that this procedure is justified.

Where other extremely large subcontracts such as elevators or special equipment are included in the project, it may be desirable to hold separate bid openings for these divisions of the work. However, the use of the Colorado Plan for small subcontracts should be discouraged.

#### **Assignment**

Several bidding plans studied by the Committee provide for the assignment to the General bidders of the new Mechanical and Electrical subcontractors only. It was felt that this is an undue hardship on the General Contractor and that he should have the option of using any of the mechanical and electrical bidders he feels he can work with most effectively. Naturally, he runs the risk of losing the job if he uses other than the low bidders but he, nevertheless, has the option of doing so.

#### **General Bid Opening**

Under the Colorado Plan, the General bid opening is con-

ducted in much the usual manner with the requirements for Bid Bonds remaining the option of the one who writes the specifications. The General Contractor must, however, list the names of the Mechanical and Electrical subcontractors he proposes to use and these may not be changed without the permission of the Owner.

#### **Alternates**

Considerable difference of opinion existed with the Committee with regard to various benefits to the Owner of additive or deductive alternates with no strong conclusions being reached. It should be noted that many governmental agencies require deductive alternatives listed in the order they are to be taken. The necessity for alternate proposals is recognized as a means of adjusting the contract price to the funds available. However, the Committee was most emphatic that alternates should be limited and simple with careful consideration being given to the effects on the bidding process mechanical and electrical alternatives. Although still in use by some bidding agencies, the use of the unsolicited alternate or so called "Contractor's Alternate" was considered by most members of the Committee to be an unnecessary complication of the bidding procedure, particularly when offered by a Mechanical or Electrical bidder and was, therefore, discouraged.

#### **Method Of Award**

Although the conclusion of the Committee was not unanimous, most members felt that the contract should be awarded on the basis of the base bid combined with alternates (whether additive or deductive) taken in order of their listing. It was felt that where base bid alone is the basis of award, alternates become little more than a "meaningless numbers game."

#### **Subcontractor List**

Since the principal objective of the Colorado Plan is to protect the Owner and the bidder from unscrupulous bid shopping, it was the opinion of the Committee that the Colorado Plan would be incomplete without the requirement for the early submission of a complete subcontractor and material supplier list.

Although some bidding agencies require submission of this list with the proposal, the Committee felt that this was an undue hardship on the General Contractor and that bid shopping can be discouraged if not eliminated by the recommended procedure. In the words of one General Contractor "... basically, the industry runs a pretty clean show here and it isn't fair to force the General into a last minute detailed sub listing when he should be putting together his lowest possible bid."

To avoid incomplete listing it is suggested that the Architect prepares a form that lists his requirements, distributing this form to the apparent low bidder or bidders at the time of the General bid opening. Opinions regarding the time for submission varied among the Committee from 24 to 96 hours.

#### **Notice Of Owner's Decision**

It is certainly recognized by any Architect that a prompt contract award is seldom possible when bids exceed the funds available. However, the need for an early decision is obvious and the length of time that bids must be guaranteed should be clearly spelled out in the specification.





**SNOQUALMIE MIDDLE SCHOOL/SNOQUALMIE VALLEY SCHOOL DISTRICT NO. 410**

**JOHNSTON•CAMANELLA•MURAKAMI•BRUMMITT AND COMPANY/RENTON, WASHINGTON**

With construction getting underway for this new middle-school—the K-12 educational complex for this school district reaches completion. The architects-consultants-planners, Johnston-Campanella-Murakami-Brummitt and Company of Renton, Washington were also responsible for the new Mount Si High School (9-12) and for the Snoqualmie Elementary (K-6). All three schools are located in close proximity to one another.

The school will be located on an approximately twenty acre site on the North Bend Snoqualmie Road and Meadowbrook Avenue. A total of 57,560 square feet are planned consisting of the academic building and the field house.

The academic building is made up of 5 pods with one pod planned for future expansion. Each pod is hexagonal in shape and is united to each other by an open flow of functional space housing lockers, storage areas, toilets, and provides access to the academic-social court at the center of the building.

Included in the academic building are learning areas for 7th and 8th grade "blocks," centrally located media center and resource centers, administration and faculty areas, science areas, student commons and cafeteria; facilities for band, choral and dramatics and practical and fine arts areas.

The field house is a unique concept receiving wide accept-

ance as a means to gain maximum possible area for the schools physical education program. The field house utilizes simple, straight forward design and easy to maintain materials. Housed in this facility will be a regulation basketball court, two practice courts, three lane running track and areas for boxing, gymnastics, indoor tennis and so on.

Adjacent to the field house are toilets, showers and locker facilities, instructors' offices and storage spaces.

Features include carpeting over concrete slab on grade, ceramic tile, and vinyl asbestos tile will also be used. Field house floor will be synthetic, and rubberized asphalt also will be used. Acoustical tile ceilings and indirect fluorescent lighting are specified. Heating will be a combination system of hot air and hot water radiation.

Exterior will be pre-cast concrete columns and brick filler panels. Roof structure will be laminated beams, and roofing will be composition shingles.

Completion is scheduled for Spring 1973.

Consultants to the architect are: Olsen and Ratti, Structural; Benjamin S. Notkin and Associates, Mechanical; Johnson and Tapley, Electrical; Dames and Moore, Soils; and Dr. G. Leland Burningham, Educational Consultant.





A Grand National



# "RESPONDING TO CHANGE"

June 19-21, 1972

Minneapolis, Minnesota

## THE THEME

Change is the name of the game! Changes are being demanded by the owners and users of construction who request a more efficient and disciplined performance from the industry. Technological breakthroughs are not in themselves an adequate answer. The entire construction industry must be responsive to this challenge: in specifications, products, and building concepts. It is to this challenge that the 1972 CSI Convention addresses itself.

The 1972 convention program highlights those changes in construction that are occurring and those which can be reasonably predicted. The expanding role of the specifier demands greater responsibility for research, evaluation, and analysis in the specifying process. Presentations explore aspects of performance specifying and testing criteria. Educational and technical programs for the specifier and the industry's response to the challenge of change in construction concepts are also explored.

Whatever your involvement and concern in construction, the 1972 CSI Convention provides you with a program which is invaluable.

The Gala Opening of the Convention is the **Host Chapter Reception** which will be held on Sunday, June 18 from 6:30 until 8:30 p.m. in the Exhibit Hall of the Minneapolis Auditorium and Convention Hall.

### Monday, June 19

The opening session will convene at 9:00 in the morning in the Auditorium Arena. Arthur J. Miller, FCSI, President of the Construction Specifications Institute, will preside over the opening formalities to include a welcome to the "Twin Cities" from the Honorable Wendell R. Anderson, Governor of Minnesota. Awards will be presented by John C. Fleck, FCSI, Vice President-Technical, and Mr. Miller

will conclude the session with an overview of the convention program — "The Expanded Role of the Specifier".

From 10:30 a.m. until 2:00 in the afternoon, conferees will be given the opportunity to view the Exhibits in the Convention Hall and have luncheon.

Reconvening at 2:10, the **Keynote Address** "The Demands of Change" will be delivered by **Arthur F. Sampson**, Commissioner of the Public Buildings Service, General Services Administration. As PBS Commissioner, Mr. Sampson is responsible for: 25,000 employees; a \$1 billion budget; 10,000 buildings, owned or leased throughout the U.S.; approximately 1,500 construction projects ranging from \$10 thousand to \$102 million and \$705 million in current construction.

Since his appointment to the Public Buildings Service post in December 1969, Mr. Sampson has completely reorganized the service and PBS has become a national leader in the construction industry.

As Commissioner of the Public Buildings Service, Mr. Sampson administers and directs all Federal design, construction and space acquisition under the jurisdiction of the General Services Administration. He has appointed the first Project Manager of the Federal building project with wide ranging authority over projects amounting to approximately \$110 million. He is hiring the first Construction Managers for Federal building projects. He has directed the PBS to the lead in Project Management, Construction Management, Phased Construction, Building Systems, and in streamlining its design criteria.

He initiated, through an International Conference, and currently directs the nationwide program on Firesafety in High-Rise Buildings for Federal of-

fice structures. The recommendations from this program will set precedent for firesafety in all Federal High-Rise Buildings throughout the country.

Mr. Sampson was in charge of organizing a careful plan to implement the protection of Federal buildings in early 1970 before the experience with bombings and demonstrations reached current proportions. In this regard he initiated the creation of the new Federal Protective Service with the responsibility of protecting all Federal buildings and their occupants.

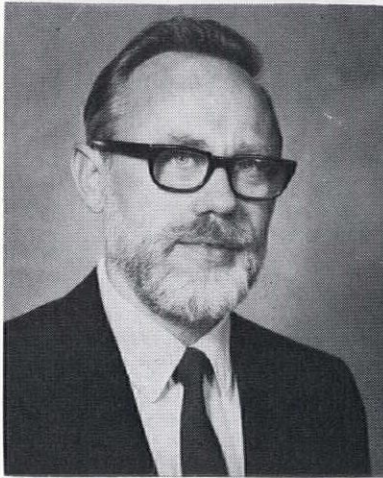
In mid-1970, Mr. Sampson was appointed the first GSA Deputy Administrator for Special Projects. In this capacity he works on these special assignments:

- Chairman, Task Force on Minority Business Concessions
- Steering Committee, White House Interagency Committee on Construction
- Cabinet Committee on Construction
- National Capital Planning Commission
- Commission on Procurement
- White House Regulations and Purchasing Review Board
- President's Council on Historic Preservation

Mr. Sampson's Keynote Address will be followed at 3:00 p.m. by a panel discussion in Room 204 on the Second Floor of the Convention Hall on "Education for Tomorrow's Specifier". This discussion of the development of educational programs for the expanded role of the specifier in future construction will have as protagonists . . . Howard R. Steinmann, FCSI, owner of Steinmann, Architect; Dr. John P. Klus of the Department of Engineering at the University of Wisconsin and Larry Degelman, Department of Architectural Engineering at Pennsylvania State University.

**FUN!** . . . Buses will depart from each





Moderator Dick Perrell

convention hotel from 6:30 until 12:00 midnight for the Lafayette Club on the shores of beautiful Lake Minnetonka. This informal evening of dinner, dancing and beverages is on CSI/McGraw-Hill.

#### Tuesday, June 20

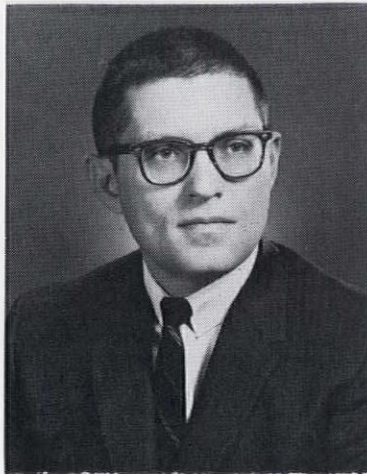
Bright and early — (8:30 a.m.) — a panel will discuss **"The Specifier, The Architect and The Engineer"** in Room 204 in the Convention Hall. The moderator is none other than our own Richard C. Perrell, CSI/AIA of Phoenix, Arizona, who is a Specifications Consultant in that fair city. He will be aided and abetted by William A. Sowers, President of the Consulting Engineers Council/US and by Herbert H. Swinburne, FAIA. The gentlemen will delineate the interprofessional relationships and the role played by the Specifier in the interaction and coordination with other members of the "team" when working with the performance concept.

The presentation **"The Owner and Performance Concepts"** will follow. The speaker is Walter A. Meisen, Assistant Commissioner for Construction Management, Public Buildings Service, GSA.

The Exhibit-Viewing and Luncheon has an extra incentive on this day . . . a Prize Drawing.

At 2:40 in the afternoon, conferees will be back in 204 for a look at **"The Manufacturer's Role"** when the viability of the performance concept will be discussed by John R. Baldwin, President of Producers' Council and by Charles Lecraw of Wilbur Smith Associates.

Still another facet of the impact of the performance concept will be the topic at 4:00 on Tuesday afternoon



Speaker Robert Vansant

when Richard B. DeMars, President of Geupel-DeMars, Incorporated will speak on **"The Constructor and Performance Concepts"**.

#### Wednesday, June 21

The "for members only" — **Membership Forum** — will be held at 8:00 a.m. with President Arthur Miller leading the discussion of Institute Affairs.

At 9:00, there will be a report on the Institute's efforts in establishing guidelines for performance specifications and in the current and long-range education programs. The topic . . . **"CSI Responds to Changing Construction Concepts"** will be handled by Robert E. Vansant, FCSI, Chairman of Technical Documents and by Jesse Wilkins, CSI, Chairman of the Education Committee.

**"A Summary"** is scheduled for 10:30 a.m. in Room 204. The speaker will be A. W. Cluff, a Past President of the Specification Writers Association of Canada. Mr. Cluff is a Fellow of the Royal Institute of British Architect and a member of the Royal Architectural Institute of Canada.

There will be another Prize Drawing during the Exhibit Viewing and Luncheon period — 11:00 a.m. - 2:00 p.m. in Convention Hall.

The Annual Meeting of the Institute will be held in the Auditorium Arena with President Miller presiding. The "members only" session will have the usual Resolutions, Officer Reports and the Presentation of Awards. At this writing, we do not know of any other Chapters who will be honored during the Awards segment of the program . . . except good old Salt Lake City who is in there again with

a big laurel for their Chapter Newsletter.

**Fun!** . . . At 7:00 p.m. at the Downtown Radisson Hotel Center — the President's Reception and Banquet. Always a memorable occasion at CSI National Conventions . . . the 16th is no exception. There will be Honors and Awards (including the elevation to Institute Fellowship for our Bob Schmidt, Albuquerque Chapter, and Region Ten Director). Tripping of the "light fantastic" is also included in this gala evening.

## THE LADIES

Headquarters for those of the feminine persuasion at the Minneapolis Convention will be the Ballroom of the Downtown Radisson Hotel. The Hospitality Room will be open on Sunday from 2:00-5:00 p.m. — will open at 9:45 a.m. on Monday and at 9:30 a.m. on both Tuesday and Wednesday. Coffee is always on hand and Danish Rolls will also be offered.

A **Ladies Orientation** will be presented at 10:45 on Monday, June 19 to be followed at 11:30 by **"Luncheon with 'Dear Abby'"**. In other words, CSI Ladies will have the opportunity to hear from Abigail Van Buren — known to millions for her "Dear Abby" column which is carried in nearly one thousand newspapers in the U.S. of A. and abroad. She is the author of three best-sellers and is witty, compassionate and practical.

On Tuesday, June 20 — buses will leave the Downtown Radisson at 10:45 for luncheons which have been planned at both the Edina and Minikahda Country Clubs. The ladies will then proceed to the General Mills Building for an exciting tour of the **"Betty Crocker Kitchens of the World"** . . . seven exciting excursions into a different culinary region of the world.

Information on individual tours and shopping areas will be available at the Host Chapter Information Booth in the Convention Registration area.

## A FAMILY AFFAIR

All Teen-Age Events for the Convention will be supervised by the Host Chapter Committee — and to quote the participants — should be a "bash". A Get-Together Party is scheduled for 6:30 to 8:30 p.m. on Sunday, June 18 in the Plaza Lounge on the First Floor of the Convention Center. There will be dancing and refreshments.

Concluded on Page 34





## *In Portland:*

### *A Professional consortium for liaison and public service*

On October 24, 1969 — offices in the historic Dekum Building in Portland were opened. Dedicated to the needs of the architectural office of the future and to more effective interrelated professional group action in providing community service, the Portland Chapter/AIA initiated this plan to house chapters of not just the American Institute of Architects but to include the American Society of Landscape Architects, the American Institute of Interior Designers and Producers' Council in one office space. It has become a benchmark for all of these groups . . . being the first time in the United States that these organizations have combined.

Inspiration for this consortium really pre-dates the official opening by about a year with the Northwest Regional AIA Conference at Sun Valley, Idaho. At that time, Portland Chapter members were motivated by speaker C. Herbert Wheeler, Architect and Professor of Architectural/Engineering at Pennsylvania State University. Professor Wheeler challenged architects to evaluate the usefulness of their Chapter offices as well as their own architectural offices. Later in October, 1968, Portland's Executive Committee was informed that the location of their present offices had been sold . . . and a move had to be made within two months.

A newly appointed Office Committee went to Seattle in December to visit Seattle's new Chapter office located in an old building in a revitalized section of the city . . . an older building with historic significance was desirable, and further more space was available for less money. A second goal . . . and equally important, was sufficient room for interaction among the related professional groups,

(We have often commented upon the "success story" of the Portland Chapter/American Institute of Architects accomplishment in bringing together the local chapters of interrelated professional groups into a single office facility. With pictures at hand—thanks to Jody Proppe, AIA Executive Secretary — we are pleased to have this feature in June . . . following closely upon the heels of Jody's appearance as a panelist in the Market Place of New Ideas at the National AIA Convention in Houston last month. Executive Secretaries from two Chapters within our Region were on the program in Texas — Jody from Portland and Mary Chapman Smith from Phoenix . . . which is something of a feather in our Western hats! Jody writes, "I've been invited by the Institute to tell about the office concept and why it helps make the Portland Chapter hum. I feel it is really a compliment to Portland to be one of the four Chapters in the country to tell their story at the Convention." Let us look back and see how Portland's "success story" began . . .)

## *Gateway to Understanding*

Photography: Edmund Y. Lee

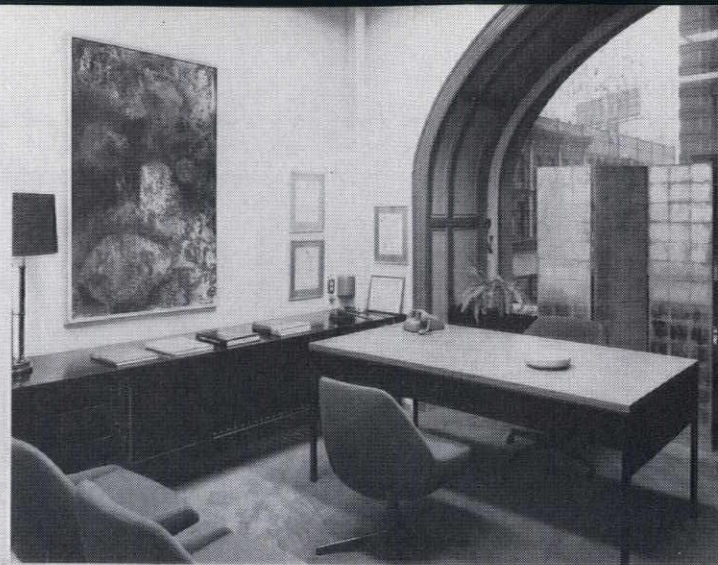
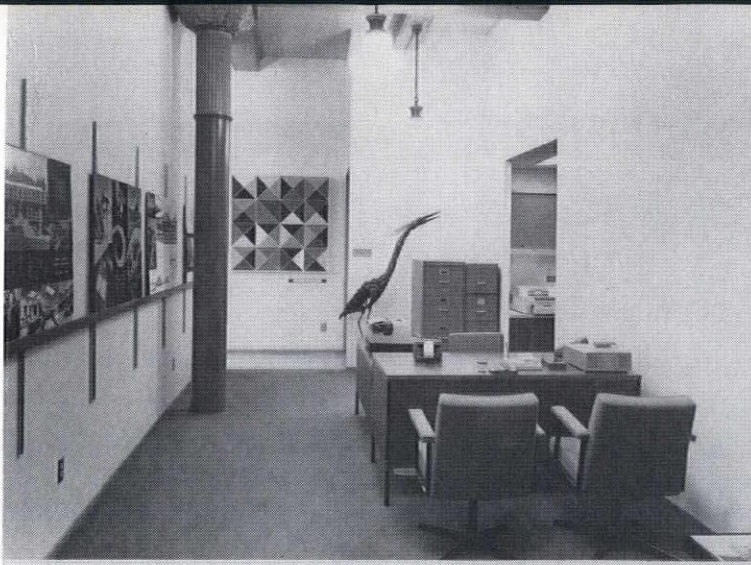
*Another important resident of the Dekum Building*

gallery space for displays and space for classes and meetings of all types. Discussions were held with ASLA, AID and PC and the result was a combination office for the four organizations.

After considering a number of older structures, the final selection of the Dekum Building was made. It had a gracious entry, spacious interior. Built in 1892 and designed by McCaw and Martin, it had been designated as an Historic Landmark. Approximately 2,000 square feet of floor space was available at that time, and this past month an additional increment of space has been added down the hall for the new AIA Community Design Center. These offices include, of course, the Oregon Council of Architects, AIA, and most recently the Designers' Roundtable, a group of graphic artists have joined the group.

Since this is no longer an experiment, it might be germane to list the many services now available to the architect through this successful merger of facilities. They are: 1) Adequate space for all groups for meetings and related functions. 2) Display space. 3) A library of architectural magazines, books and research material for use by the public, students, interns and Chapter members. 4) A slide, cassette, movie and visual aids library; 5) Assisting clients in the selection of an architect. 6) The promotion of continuing education for architects and interns through classes and seminars held in the Chapter offices. 7) An in-house employment agency. 8) Providing AIA documents for sale to the membership. 9) Providing good public relations for the architectural profession and 10) Eventually acquiring sophisticated equipment to aid the smaller





Photography: Edmund Y. Lee

Upper left: Receptionist's office — the work area to the right. The metal bird sculpture is the work of Student AIA member, Kris Krohn. At upper right: Office for the A.I.D. At lower left: the Library which also is used for committee meetings and client interviews where slide presentations are used. With as many as four committees meeting at noon on some days . . . every inch of space is used . . . especially at dinner meetings. Lower right shows the Gallery used for Chapter dinner meetings for all groups, for large committee meetings, art and products displays, parties etc. — etc. The banners were "left-overs" from the 1968 National AIA Convention and are used for picnics, boat tours and once were even rented for a baccalaureate service.

architectural offices.

Each group within the Dekum offices has discovered a wide area of common ground, and a new ability to communicate promptly before problems can even become problems. Always a goal, working together has become a day-by-day living experience. That is not to say that new goals have not been set for the tomorrows yet to come . . . as the Portland Chapter stated in October of 1969—

"Looking to the future we envision an entire office building to be the hub of the construction industry, i.e., architects, engineers, interior designers, landscape architects, planners, general and sub-contractors, special consultants, building products representatives, plans and printing services, computer services, data services, pho-

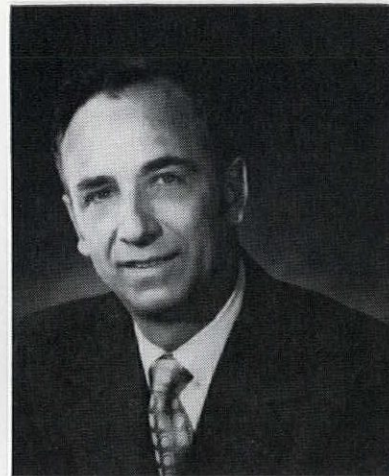
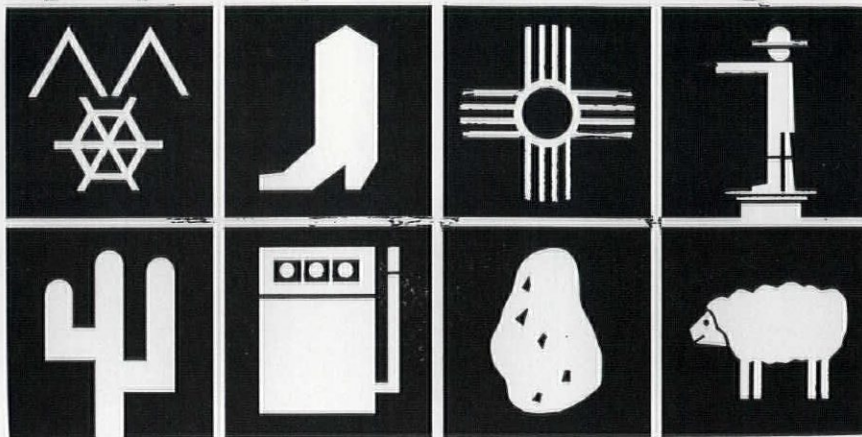
tographers, lawyers, accountants and many more related businesses and professions."

"In San Francisco are examples of what can be done with old buildings that are rejuvenated for public and private use. The Ice House, The Cannery and Ghirardelli Square are examples of what might be done with some of the buildings in Portland."

"The opening of the combined offices of the AIA, ASLA, AID, and PC in the Dekum Building is the first step in the accomplishment of these goals. With in-put and ideas from many sources, new goals which have not yet even been considered may be found." In brief . . . the Gateway to Understanding has become even more — it is also the Gateway to Opportunity.



# symposia/around the region



## arizona

### Population Explosion!

Arizona's State Board of Registration gave the nod to forty-nine new architects on March 17. Just counting the "natives" — we have Maung Khin Aye, Carl Buchanan, Jr., L. A. Dickerson, Jr., Alfred H. Fast, Chris Ganos, Robert G. Hedrick, George Hoaglund, Robert Johannsen, Alfred Lembke, Thomas Morrison, Sukumar Pal, Charles Pearson, Roger Andrew Plate, Philip Poland, Edward Thurman, Ronald Weber and G. P. Zimmerman . . . all from Phoenix. From Tucson, congratulations are in order for Bernard (that's Barney) Aros, Fred Matter, Warren Moon, Alan Perry, Edward T. White III and John Whitmire. Plus, we have Leonard Holland of Scottsdale and Frank Purtil of Tempe.

Which means that the Arizona residents account for better than half of the new architects down in Sunshine Country. It is our pleasure to welcome them to the ranks.

### Hospital Engineers

Two important and interesting technical programs have been on the agenda for Arizona's Society for Hospital Engineers during the past couple of months. On April 7 at Doctor's Hospital in Phoenix, Host Engineer Merton Lord presented Eugene Strickland, President and owner of the Mechanical Balancing Company, Division of Precisionaire, Inc. Mr. Strickland is a member of the Associated Air Balance Council which is a National association for Testing and Balancing agencies. His topic — predictably was "Air Balance".

The May 5 meeting was held at Mesa Lutheran Hospital in Mesa and the program was in the capable hands of Dan Garretson of W. C. Orborn and Associates, Inc. Dan was a consultant for seven years on electrical

design, spent fourteen years as an electrical contractor and is presently a representative for Post-Glover, a division of E.S.B. He spoke on the "Safe Practice of Use of Electricity in Hospitals".

## colorado

### John Bunts/New Chairman

John E. Bunts, Colorado Springs, has been named chairman of the Commission for the Certification of Consulting Engineers, a voluntary accreditation program to provide for the certification of qualified Colorado consulting engineers. Bunts will head a seven-man commission, now in its second year in Colorado but with several other states forming similar programs. Elected Vice Chairman of the Commission was Simon Elliot, Pueblo; and Robert V. Behrent, Denver, was reelected secretary-treasurer.

Certification carries stringent requirements, including the possession of a valid Colorado license as a professional engineer. In addition, a Certified Consulting Engineer must be of good character and reputation, submit references, have total of eight years of responsible-charge-engineering experience, be at least 30 years of age, in private practice as a principal of a consulting engineering firm, and endorse in writing his adherence to a code of professional conduct.

Nearly 65 Colorado engineers in private practice have been certified during the first year of the commission's operation. Those certified are entitled to display their seal of certification on engineering drawings, specifications, plats and reports.

Bunts succeeds James H. Konkel, who remains a commissioner. Others on the commission are William A. Clevenger, Denver; James H. Stewart, Fort Collins; and Robert F. Harrison, Salida.

### New ACG Safety Director

Mr. A. R. "Al" Klashak has joined the staff of the Associated General Contractors of Colorado, Building Chapter, as Safety Director. Formerly the Field Safety Engineer and Manager of Safety for the Hunkin-Conkey Construction Company of Cleveland, Ohio, builders of Brooks Towers in Denver, he brings to the members of AGC/C many years of expert experience in the field of construction safety.

His functions will include directing the accident control activities of the AGC/C to achieve the greatest degree of safety among its members, and to assist them in conforming with the Federal and State safety regulations.

Contributors to the Construction Advancement Program in Colorado also will benefit directly from bulletins, seminars and conferences resulting from the safety director's programs.

Klashak is a member of the Executive Committee of the Construction Section of the National Safety Council, a member of the American Society of Safety Engineers, Society of Ohio Safety Engineers and for the past two years has been Chairman of the Safety Committee of Cleveland's Building Trades Employers and of the Joint Labor-Management Safety Committee in Cleveland.

### Whatta Bash!

When the Pikes Peak Chapter of the Construction Specifications Institute says they're going to have a party . . . they ain't just whistlin' Dixie. On May 13, a large and congenial group of merry-makers gathered at Bob Young's Cabaret in Cascade to enjoy the usual "attitude adjustment" and a delicious buffet. Then, we cheered the hero, hissed and booed



the villain and hummed along with the olio performers. On hand, with smiles and name tags, that sweetie . . . Atha Lavalett who in 1973 will be this Chapter's second Lady President . . . (Dorothy Albers was Number One.)

Atha revealed other (and heretofore, unsuspected) talents as she served as Navigator to Norm Tate as he piloted the lead car in the caravan attending President Howard Dutzi's After-the-Party Party. As we arrived breathless at the stunning Dutzi residence . . . we asked Atha and Norm what they had for an encore!

#### Eleven AGC/BB Scholarships

Six thousand dollars in eleven scholarships has been presented to successful candidates from colleges and universities in Colorado by the Associated General Contractors of Colorado Building Chapter. Awarded by Scholarship Committee Chairman, Paul Penner at the recent semi-annual combined membership meeting, the grants are made through the Construction Advancement Program.

All of the scholarship winners are enrolled in Construction Management courses, and have indicated a desire to follow construction as a profession.

This year's winners are:

From Community College of Denver, West Campus—Melvin Dreher, Max Martinez and Robert Neagle. They were accompanied by Mrs. Martha Chance, Vocational Guidance Specialist.

From Colorado State University, Fort Collins—James E. Archer, Samuel C. Holt, Melvin C. Reichwein III and Werner R. Uebelhoer, accompanied by Dr. Bill Hayes, head of the Dept. of Industrial Sciences.

From the University of Colorado, Boulder—Daniel R. Clark and John R. Gatlin, accompanied by Prof. Walter L. Meyer of the Department of Civil and Environmental Engineering.

From the University of Denver—Mary Anne Blish and John W. Caple, accompanied by Prof. David A. Day, Department of Mechanical Sciences and Environmental Engineering.

#### A Short Huzzah for Keeton

Tom Keeton who serves as South-Western Section Director of C.S.I., is past-president of Producers' Council and Editorial Board Member et al — received a Big Honor from his com-



Colorado Pipe Trades Industry Program Scholarship Recipients were guests of the Board of Trustees at their regular April Meeting. Following a get acquainted session, the Trustees hosted the recipients to dinner at the Brown Palace Club in Denver.

Pictured above are: Left to Right — sitting — recipients; Phillip McEvoy, Mesa College — Phil C. Aikele, University of Colorado — John R. Moore, Southern Colorado State College — Donald E. Nelson, Southern Colorado State College — James H. Wilkerson, Southern Colorado State College — Willie Ray Fields, Colorado School of Mines — Stephen P. Kuhn, University of Colorado — Carl Newmark, Mesa College — David Galyardt, Colorado State University.

Left to Right — standing: William R. Truax, Paul Britton, John Eddy, Hugh Crabb, Ed Kwiatkowski, Frank Greco, Robert Mullen, R. G. Steward, Conrad A. Smith, Harold Nordeen, Don Devlin, Ken Christensen and Paul Sternick.

pany in April. He was named "Salesman of the Month" for April by U. S. Ceramic Tile. A beautiful wall plaque was accorded our Tom, plus a letter from John Haggerty, USCT Company President which stated in part . . . "Exemplary achievement deserves prompt recognition. What you have accomplished in the month of March is outstanding, to say the least. You have every reason to be proud of it —and we are proud of you." Tom, had the best month in his history with U.S. Ceramic . . . 198 per cent of quota. But after all — who could resist him. He's a "dollar".

#### idaho

##### AGC Scholarship Winner

Now, in its third year, the scholarship program sponsored by the Education and Research Foundation of the Associated General Contractors of America, has announced this year's recipients of the \$1,000 per year grants. One hundred ninety-seven applicants vied for these scholarships and among those in the winner's circle (there were just eleven) is Donald Jay Ormond of Idaho Falls, Idaho.

Don is one of four children of an Idaho contractor and plans to enter the University of Idaho in the fall. His practical experience during summer vacations has included work as a carpenter and concrete finisher. He

intends to major in civil engineering at UI. Don has proved his leadership ability . . . he served as president of his high school student council and president of Key Club — plus he was a three-sport letter-man. Congratulations to young Mr. Ormond.



#### Consulting Engineers Meet

Our good friend and faithful Editorial Board Member, John (Larry) Hoffman of Boise checked into our smiling Symposia mailbox with the very good word on the up-coming June meeting for the Consulting Engineers/Idaho . . . to-wit:

Consulting Engineers of Idaho will be meeting in Jackson, Wyoming, on 15th, 16th and 17th June, 1972. CEC members from Colorado, Nevada, Utah, Oregon, Washington and Montana have been invited to attend. The meeting will be held at the Wort Motor Hotel.

The agenda includes a CEI Board meeting on Thursday and individual state meetings on Friday, Saturday



activities will consist of a joint meeting with a report from CEC/US, and a program by experts in the field of profit sharing and retirement plans.

A golf tournament is planned for Saturday afternoon with other social activities on Friday and Saturday evenings.

## montana

### It's the BIG Spring Meeting

At the April meeting of the Montana Chapter/AIA Board of Directors . . . John DeHaas predicted more than 125 would be on hand at the Awards Banquet on May 20 . . . the fitting climax to the Annual Spring gathering of architects and students at Bozeman. We will, of course, have a more definitive report of this event "after-the-fact", but some of the highlights included a talk on Friday, May 19 by Professor Cameron Man, Chairman of the Department of Landscape Architecture, California State Polytechnic College.

The Banquet, of course, was held on Saturday night at the Holiday Inn, and three important business meetings were slated . . . the AIA Board, the State Board of Architectural Examiners and the Montana Chapter Business meeting. In addition, there was also an exhibit of Student projects which, we understand, could be made available for use by members in their own communities.

### More on Architecture Week

May 20-27 was Architecture Week up in Big Sky Country. In addition to the many activities reported last month, we understand architecture displays were in Helena Bank windows, at this time and that Doug Richards in Great Falls did a particularly good job as Chairman of the program there. For instance, the John DeHaas "Historical State Buildings" exhibit could be seen at the Russell Museum — John himself was interviewed on the "Montana Today" television show and all events were publicized in the Great Falls Tribune.

Montana is certainly not the biggest Chapter around, but they are doing a great job in letting the people in JPB country know something about their neighbors . . . the Architects! Cheers!

## nevada

### Safety Program in Reno

William E. Stock, Senior Compliance Officer, for the Occupational Safety and Health Administration of the

U.S. Department of Labor in San Francisco told the Nevada Construction Industry on May 3, that compliance with the new Federal Safety Standards would result in more efficient operation of their construction project. Over 150 General Contractors, Sub-Contractors, Architects, Engineers and Labor Union leaders attended the noon day luncheon sponsored by AGC.

Stock challenged the large number of Union representatives present to assume their responsibility in accomplishing on-the-job-safety on construction projects. He indicated that safety can only be accomplished by total team work and participation between knowledgeable and enlightened labor and management.

This new Federal Safety Act covers nearly all Employers in most industries in the nation. Encompassed in this act are provisions for inspections of the work place which may result in citations for alleged violations. Employers guilty of such violations are subject to penalties ranging from \$100.00 to \$1,000.00 with a maximum in excess of \$10,000.00 and a possibility of a jail sentence for willful violations. The citation and penalties that may accrue under the act extend to both the persons who create the hazard or unsafe conditions, as well as employers who expose their employees to these hazards. This liability may extend to Architects, Engineers, Equipment Suppliers, Rental Agencies, as well as Sub-Contractors and Contractors in the Construction Industry.

Mr. Stock lauded the cooperation he received from the Safety Division of the Nevada Industrial Commission in enforcing safe practices in construction and alerting the industry to the requirements of the new Federal Safety Act.

## new mexico

### Annual Meeting/CSI Albuquerque

At least once each year, members of the Albuquerque Chapter enjoy the company of their ladies at the Annual Meeting. Bob Schmidt (former Albuquerque Chapter President and Region 10 Director) used to claim this gave the fellas a chance to get their CSI Passes renewed for the next year. So — they did it again . . . and a most memorable evening it

was, too. Bob was good enough to tell us all about it.

"On May 2, 1972 the Albuquerque CSI Chapter held their Annual Meeting at the Paradise Hills Country Club. The total attendance of members and wives was about ninety. It is the one CSI meeting each year that is really 'beautiful' because of the beautiful wives that the members bring along with them. The ladies were each presented with a corsage for the evening. The new officers that will take off on July 1 were installed by the outgoing President, Richard Henderson. They are as follows: President — Gordon E. Bosl, 1st Vice President — Donald D. Paxton, 2nd Vice President — G. M. Bryant, Director 1972-73 — Gerald Gasparich, Director 1972-74 — Joseph E. Long, Secretary — William W. Sutton, and Treasurer (re-elected) — Jack Pope. The other Director 1971-73, Don E. McNeil will be serving his second year."

The annual awards were presented at this same meeting. Region 10 Director Bob Schmidt made the presentations to James O. Coupland as the Outstanding Professional Member and to Frank A. Lederle as the Outstanding Industry Member. President Henderson then made the presentation of the Outstanding Board Member Award to James R. Cushing, the first President of the Chapter. President-Elect Bosl then presented a certificate of merit to President Henderson for his year of service as chapter president. President Henderson then made a surprise presentation to Bob Schmidt. The plaque of the award read "Robert J. Schmidt, FCSI, in recognition for outstanding service to CSI Albuquerque Chapter, 1971-72". As Dick said, he "got the jump on the Institute with the FCSI".

"After all of the awarding, the guest speaker, Dr. Frank C. Hibben, Professor of Anthropology at the University of New Mexico, held the group's attention with his most interesting talk about a hunting trip he had made into Outer Mongolia about two years ago."

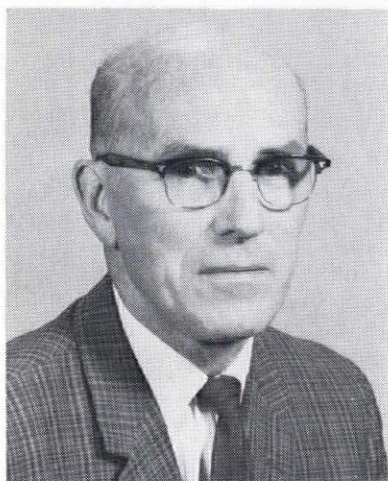
### Preamble/Region 10 Conference

That group of go-getters — the Albuquerque Chapter/CSI has already made some "big plans" for 1973. From February 8-10, they will host the Region 10 Conference at the Four Seasons Motor Inn — the newest facility in Albuquerque and highly touted as the "complete hotel for the conventioneer". The Western Mountain Region/AIA will be enjoying this



same spot come October.

Already booked for the CSI Region 10 Conference Chairmanship is George Chant who has served the Albuquerque Chapter as a Director from 1969-'71 and who is now Second Vice President. We will be giving you all a complete "life and times" on this outstanding fellow soon. His Assistant for the Conference will be Bob Schmidt. Bob tells us the various sub-committee chairmen will be announced in June which will give all CSI members in Region 10 ample time to plan on attending the "best ever" conference in Albuquerque in February, 1973. A great group!



#### John Heimerich Dies

Former students and a host of friends including his architectural colleagues were saddened in mid-April to hear of the passing of John Heimerich, former head of the Department of Architecture at New Mexico University. He joined the faculty at UNM in 1942 — and was named the first Chairman of the Architectural School five years later. He retired as Chairman in 1965, but continued as a Professor on the faculty.

Our Joe Boehning who knew Professor Heimerich for many years wrote . . . "It is truly a great loss because the profession in New Mexico and the Department of Architecture at UNM cannot easily find someone of the caliber of John Heimerich. I was a student of his for six years, and worked with him in AIA for twelve. We always enjoyed it when he dropped in the office here for a chat. He was a true personal friend . . . as he was to all of his students. I know all architects in New Mexico, students or not, will miss John Heimerich."

It is, however, somewhat gratifying to know that New Mexico's architects saluted this fine gentleman with

a citation for achievement in architectural education this past year. It was an honor richly deserved, and one which, we are sure, made Professor Heimerich very happy.

#### oregon

##### The Evening for Belluschi

The April 25 meeting of the Portland Chapter of the American Institute of Architects honored Institute Gold Medalist, Pietro Belluschi . . . and fortunate we are to have Bob Wilmsen, FAIA, our Man in Oregon to tell us about it. Front and center, Bob!

"The evening for Belluschi" was a very impressive affair at the Portland Art Museum—it was the largest turnout ever for an AIA Portland Chapter meeting. I'd guess close to 250 people, which included many of his clients and friends. Walter Gordon very effectively eulogized Belluschi, and Pietro, who doesn't like speech making, tossed aside his written notes and showed slides of his latest work. Father Barnabas of Mt. Angel Abbey brought his long-haired, guitar playing combo—who provided some of their own original music at dessert time. Somehow Jody got all the old timers out—some of whom hadn't been to an AIA meeting for many years. If you didn't know, Belluschi is and always has been a Portland Chapter member, even though he resides in Boston—and it will never be again that our Chapter will have a Gold Medalist—not in my lifetime.

"The next noon several of us had lunch with Pietro, and he was very much affected by the turnout, especially seeing again many of his ex-employees and fellow architects. The dinner and cocktail hour was held in the Sculpture Court of the Museum—and it was this project (the Museum) that first brought Belluschi national recognition. It was done in the Thirties, and he was the designer of the Museum for Architects A. E. Doyle & Associates. Perhaps he'll use his discarded written notes in Houston when he accepts the Gold Medal."

##### Plan Stamping Violates Statute

In an opinion issued by Attorney General Lee Johnson of Oregon, building plans which by law must bear the stamp of a registered architect or engineer can only be prepared by such a professional person or by his employee. (In general, Oregon law requires buildings exceeding 4,000 square feet in ground area or two stories in height be designed by a registered professional).

The Attorney General's opinion was issued in answer to questions submitted by Eleanor Gundran, executive secretary for the Board of Architectural Examiners. Mr. Johnson said — "It has not been uncommon for unregistered persons to design nonexempt buildings and then engage the services of a registered professional engineer to review the design, recommend any changes he deems advisable and affix his professional seal to the final plans and specifications. But such a practice constitutes a violation of the law, both by the person preparing the plans and by the registered professional who affixes his stamp."

The Portland Chapter/AIA in their May newsletter urged Chapter members to read the full opinion of the Attorney General, encourage employees to become familiar with it, and distribute it to Building Departments and Planning Commissions wherever appropriate."

##### Winners! Winners!

Among the eleven young people who have received college scholarships from the Associated General Contractors of America is James Lloyd Redfield of Klamath Falls, Oregon. Jim will receive \$1,000 to assist him in achieving a career in construction through the study of civil engineering or construction at the college level. He's just 17 and will be a freshman at Oregon State University this fall. He hopes to enter the construction industry via the civil engineering route, has worked for a roofing contractor during the summer and during high school has been active in 4-H, baseball and tennis.

Tim Merrill has captured a real plum — the Ion Lewis Traveling Scholarship for 1972. This \$3,000 scholarship is awarded only once every three years, and Tim hopes to study monastic architecture in regard to its relevance to contemporary community planning and will visit Europe, Turkey and India. He is currently associated with the firm of Church and Shiels, AIA, in Portland. His two alternates are Don Merkt and David McMillan.

#### utah

##### Environmental Education

We have had occasion to comment often on the interest and cooperation between the Utah Chapter/AIA and the School District of Salt Lake. From time to time, Utah architects have visited class rooms with slides and mini-lectures; the Women's Architectural League has worked diligently



upon the project — and everyone had the opportunity to hear about it at the AIA Luncheon meeting on April 27.

John E. Pace, AIA, Chairman of the Environmental Education committee presented a brief resume of the innovative materials from the Group for Environmental Education which has been introduced into pilot schools in Salt Lake City. Also on hand — Mr. William Shaw of the School District who acts as liaison with the AIA and Rita Inoway who represented the Women's Architectural League.

Reports the Utah Newsletter — "The interest and awareness of the kids is invigorating, and represents the means by which our society may again appreciate the humanist values which we seem to have ignored."



The Salt Lake City Chapter/C.S.I. has re-elected Dana Meier as "fearless leader" for yet another term. Dana is a graduate architect from the University of Washington, has his own practice as Architect-Planner in Salt Lake and is registered in Utah, California, Colorado, Idaho, Wyoming and Oklahoma. He is a member of the Utah Chapter/AIA where he has served on the Membership and Technical Education Committees. He and his wife, Shirley Marie, manage to stay pretty busy with their brood of seven — yep, seven little Meier mop-pets.

Other officers for FY 1972-'73 are Keith Richardson of Richardson and Richardson Architects, First Vice President; Frank Anderson, Mountain Bell, Second Vice President and Gene Russon of Kimball Elevator will be Secretary-Treasurer. Bill Howe, Allen-Howe Specialties, is the new Director. Bill, incidentally, is a former president of the Intermountain Chapter of Producers' Council.



#### Another Lovely Lady!

Yes, add to the list of Lovely Ladies from Utah (and they have a bundle) Sandy Thomas, troop leader for the Salt Lake City Chapter of the Women in Construction and secretary for Scott, Louie and Browning — Architects and Engineers.

Sandy hails from Provo and has been a WIC member since April of 1969. She has served on the Program Committee, the Board and was Chairman of the Membership and Social Committee. She was selected "WIC-of-the-Year" in 1971.

Her hobbies are legion . . . sewing, skiing, reading — but her own construction projects are her main leisure time activity. She has remodeled and restored her family's one hundred year old home in Spring City, and a second place made of hand-hewn logs has also been refurbished . . . the latter will serve as a future summer home.

Quite a go-getter — yep! Quite a looker? — Well, aren't they all!

#### washington

##### Citation of Excellence

The American Institute of Architects has honored the Washington State Department of Highways for the design of two proposed segments of Interstate Route 90 traversing Seattle and Mercer Island, Washington. This represents a substantial victory for the "design team" approach to highway construction!

In 1969 after years of heated public controversy, the Department commissioned a design team for the Seattle segment . . . the following year, a similar team for the Mercer Island segment, and the result? The first such citation for highway design since

the program was initiated by the AIA in 1965.

The Seattle team was composed of Durham Anderson Freed Company, architects and urban designers; Howard, Needles, Tammen & Bergendoff, engineers; Bridges/Burke, planners; Royston, Hanamoto, Beck & Abey, landscape architects; Jack A. N. Ellis, sociologist; Larry Smith & Co., Inc., economists; and Robin M. Towne & Associates Inc., acoustical consultants.

The members of the Mercer Island Team were: The Architects Collaborative Inc. and Durham Anderson Freed Company, architects and urban designers; Tudor Engineering Company, engineers; Royston, Hanamoto, Beck & Abey, landscape architects; William Hatheway, ecologist; Environmental Research and Technology Inc., air pollution consultants; Larry Smith & Company Inc., economists; Fenton, Peterson, McCrackin & Fanning, real estate appraisers; Shannon & Wilson Inc., soil and geology consultants; Thomas Barth, sociologist; William Lam Associates Inc., visual communication and illumination consultant; and Robin M. Towne and Associates Inc., acoustical consultants.

#### C.S.I. NATIONAL

*Continued from Page 27*

On Monday, a Canoe Ride and Picnic Lunch is programmed for the young people from 10:00 a.m. until 4:00 p.m. at Cannon River, Welsh Village. Bus transportation will be furnished.

On Tuesday . . . the same 10 to 4 schedule will be followed but this time around it's a Beach Party at Excelsior Park on Lake Minnetonka. Food will be catered, there will be a Rock Band, and "teeners" should bring swim-suits, towels, and enough cash to ride the "rides" at the Amusement Park.

In order to make this a real "family affair" — the Host Chapter has also made arrangements for Babysitting Services. All arrangements must be made, of course, on an individual basis, but, rest assured, all are available through the Host Chapter and individual hotels.

*The Sixteenth Grand National for the CSI is, as always, well organized and of particular moment to the Construction Industry. We are most grateful to Mr. Robert Schmidt who will be as of this Convention — FCSI — and will report this exciting National Event in our August issue.*



## about the cover

Although Nez Perce Chief Joseph may seem an odd emissary for a birthday greeting, we felt his statement concerning the land on which we live serves as a very good beginning for Symposia's seventh year of publication. We are most appreciative to Joan C. Gratz and her partner Tom Smith for granting us the privilege of reproducing this poster . . . which comes to us, predictably, from our Man in Oregon—H. Robert Wilmsen, FAIA of Portland.

Joan is a talented graduate of UCLA in Art and of the University of Oregon in Architecture . . . she is presently working in architecture and devoting her spare time to the endeavor known as the "Eraser's Edge" located in Eugene. Her partner is Tom Smith, a graduate of Whitman College and a doctoral candidate in psychology at the University of Oregon presently working on a NIMH Research Grant examining the social-psychology of aging and completing a research project carried out in the Republic of China under a Ford Foundation Grant.

Chief Joseph is part of an American Indian series developed by these young people and includes Dull Knife of the Northern Cheyenne; Red Cloud, Ogalala Sioux and Sitting

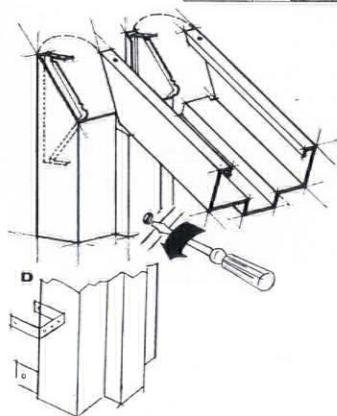
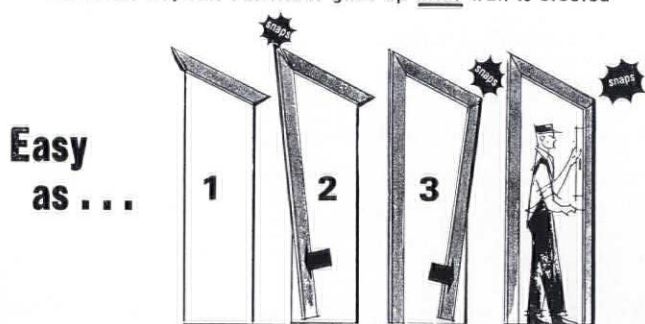
Bull of the Dakota Sioux. These are available in poster form or in packets of 8 self-mailing cards. And although Eraser's Edge deals principally in wholesale . . . posters can be obtained singly for \$1.50 including handling and the self mailing cards—per package of eight—at \$2.00. Wholesale prices, of course, are dependent upon the quantity ordered. The Eraser's Edge is located at 957½ Patterson in Eugene, Oregon—97401.

Some of the Gratz-Smith projects undertaken are equally interesting . . . there are the Nixon-Agnew hand puppets to be joined by a whole series of political candidate hand puppets and scheduled to appear as part of an article for TIME magazine. There is a detailed doll house replica of an historical Eugene landmark and large, stuffed, rocking animals which will soon be available at Neiman-Marcus in Dallas.

And again . . . Symposia's thanks to Bob Wilmsen, to the two talented principals at the Eraser's Edge for our most provocative "Happy Birthday" cover. May we wish Joan and Tom good fortune in bringing to us—no matter how briefly—the look and the thought of these first Americans . . . the Indians.



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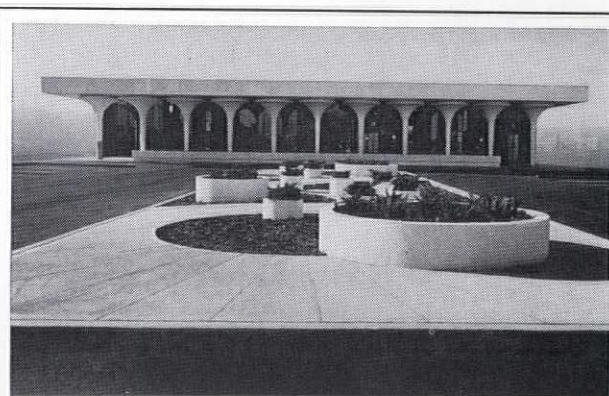
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### nevada



**Arturo Cambeiro, President**

**Las Vegas Chapter**

**American Institute of Architects**

There has been a special warm corner in our hearts for the Las Vegas Chapter ever since the Western Mountain Region met there in 1969. And that is reason indeed for our pleasure in introducing their newest "fearless leader," Arturo Cambeiro. Born in Cuba, Mr. Cambeiro graduated as a Bachelor in Science from the Havana Institute and La Salle College. His further studies were at the School of Architecture, Havana University. He has been a resident of Las Vegas for a decade or more, and is a member of the Colegio de Arquitectos de Cuba in Exile.

He holds an NCARB Certificate and is licensed to practice in Nevada. He is a partner in the architectural firm of Cambeiro and Cambeiro, AIA, Las Vegas.

In setting goals for the Chapter for the year, Mr. C. says the prime objective will be to stress and establish the Architect's professional role in the beautification, public safety and environment in the community in which they live and work. Hand-in-hand with this will be their assistance to the city of Las Vegas in downtown beautification.

The rest of the team for this year includes Gary Wilson as Vice President; Leo Borns, Secretary and Symposia Board Member, Walter Zick as Treasurer.

### utah



**Joe H. Ashworth, President**

**Utah Chapter**

**American Institute of Architects**

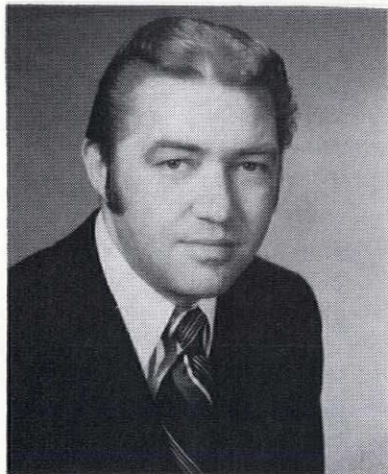
We are a bit tardy with this because of our Nancy's Carpenter's illness, but better late than never. Please meet Joe Ashworth of Provo, Utah . . . son of pioneer Provo architect, the late Claude Shepherd Ashworth.

Joe attended Brigham Young University briefly before entering the Army during World War the Twice where he served as an infantryman in the ETO. Following the war, he went back to school graduating from the School of Architecture at Washington U. He has practiced in Provo ever since . . . now heading his own firm. He has previously served as President of the Central Utah Section and the Utah Chapter Treasurer, Secretary and Vice President.

He has served as a director of the Provo Rotary Club and as District Chairman for the Boy Scouts of America. Joe is also a member of the Metropolitan Water Board in his home town, a member of the Riverside Country Club and on the Board of Directors for the Royal Executive Inns of America.

He is married, and he and wife, Carol, are the parents of two active boys. He writes that his hobbies—"in addition to taming my sons are gardening and playing the piano." Welcome to the ranks of the Leaders, Joe, we're sure the Utah Chapter is in good hands this year!





**J. Howard Van Boerum, President**  
Consulting Engineers Council/Utah

It is with great pleasure that we present the new "fearless leader" from Utah's Consulting Engineers Council. He is J. Howard Van Boerum, president of his own firm Van Boerum Associates, a consulting mechanical engineering firm in Salt Lake City.

Mr. Van Boerum has been Vice President and Secretary Treasurer of the Council in Utah, and is presently a member of CEC/US Architect-Engineer relations committee and also a member of the local A-E Liaison group.

A graduate of the University of Utah, Howard and his wife, Joanne are the parents of four children.

Bill Clevenger, CEC/US Vice President, of Denver was on hand at the Annual meeting at the Willow Creek Country Club to install Mr. Van Boerum as well as Vice President, A. Z. Richards, Jr.; Secretary-Treasurer, John R. Call and Sigurd A. Blomquist, National Director.

In his first message to the membership, the new President wrote . . . "As we view the future, I think our emphasis should be focussed on maintaining and building professional strength. CEC should be known throughout the

State as the voice of the profession. The term "CEC" should connote integrity, professionalism, excellence and the will of the constituents."

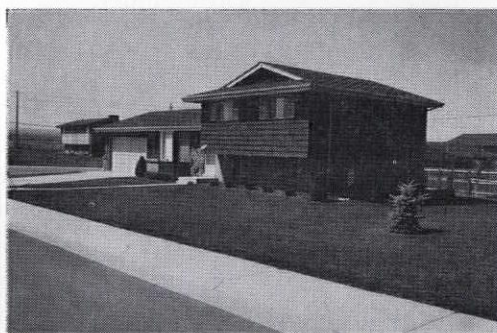
Our best wishes for a bright year, Mr. President !



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# the last word:

Congratulations to two of our area Architects on their Awards of Merit in the multi-family category of the 1972 AIA Homes for Better Living competition. Laurels to E. C. Grabow and Associates of Boulder, Colorado and Neil Morrison Wright of Sun Valley, Idaho. Great work, fellas!

New officers have been elected by the Colorado Chapter of the Architectural Secretaries. They are President, Maryanne Damari (Hobart Wagener Associates, Boulder); Vice President, Barbara Hicks (William C. Haldeman, Denver); Secretary, Joan Persinger (Muchow Associates, Denver); Doris David, Secretary, (Lusk and Wallace, Colorado Springs). The Directors for the new

year . . . Margaret Sanchez (Joseph T. Wilson) and Elaine Sawaya (Maxwell Saul and Associates). Congratulations, Ladies!

Open to the entire Construction Industry: the Annual A.R.M. Golf Tourney was held June 2 at Hyland Hills. As always, cocktails, dinner and prize awards topped off the day. Pat Druckenmiller was in charge . . . practically a perennial job for Pat.

The Arizona State Board of Technical Registration will meet June 23rd at the Southern Union Gas Company in Flagstaff to consider some rule changes on renewal fees.

The Guild for Religious Architecture held a regional seminar, June 2-4 at the Perkins School of Theology, S.M.U. in Dallas. The theme: "Building for the Church in Transition".

David Ford, long time member and Board of Directors fella, Albuquerque Chapter/CSI has taken a big step up the ladder. He is now Regional Director for G.A.F., and will make his home in Dallas.

A Special Symposia citation to Sherm Lundgren and his staff for bringing to the Salt Lake Chapter/CSI the First Place Award in Category 3 for the Salt Lake Chapter News.

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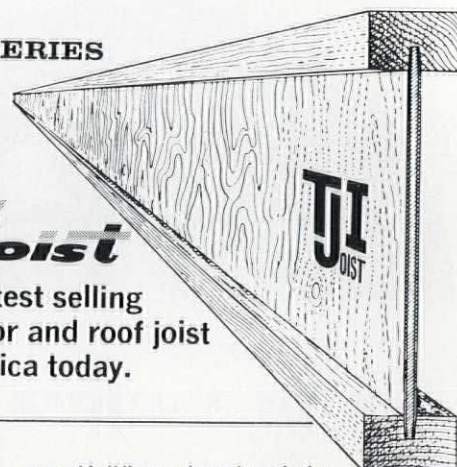
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Jack Call and Jim Kaiserman have been awarded a trophy for their top entry in CEC/Utah's Engineering Excellence Competition. There was another award coming from the National competition at the Convention in San Francisco . . . more anon!

Moved—the firm of Rogers-Nagel-Langhart, Architecture/Engineering and Planning to the third floor of the triangular-shaped building in the brand spanking new Webb-Prudential Plaza in Denver. Same phone number . . . 222-4731.

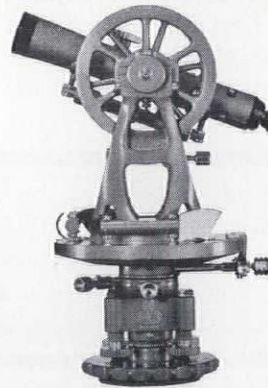
The Albuquerque Chapter/CSI has made a donation to the memory of John J. Heimerich, recently deceased, founder of the Department of Architecture at U.N.M.

Three Colorado engineers played leading roles in the National CEC/US Convention held May 22-25 in San Francisco. They were Bill Clevenger, CEC/US Vice President; Willard Quirk who was a discussion leader and Malcolm Meurer who was a panelist.

1974? It's not as far away as you might think! The Portland Chapter/AIA already has a Chairman for the 1974 Northwest Regional Conference scheduled for October of that year! It's Pat Loukes . . . a not inexperienced fella since he headed the Tours Committee for the 1968 National. They look ahead up in Portland!

Teeing Off! It's the BIG Producers' Council Golf Outing at the Valley Hi Country Club in Colorado Springs on June 9. All architects, engineers and AGC members are invited! Fore!

John McGuire, AIA, has been named acting head of the Metro Denver Housing Center. John is a past president of the Colorado Central Chapter, a hard worker in many activities—and such a nice guy! Congrats, John!



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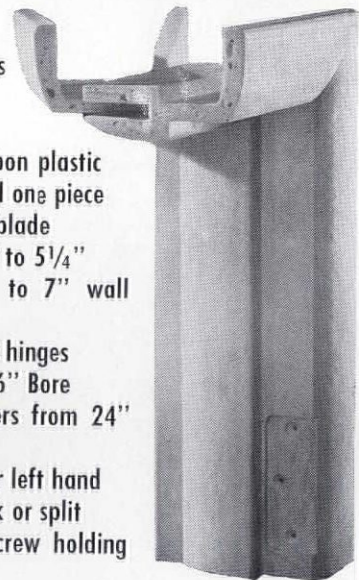
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Bruce Jensen, AIA, Utah conducted two one-hour seminars on "College and University Planning" at the Houston Convention on Wednesday, May 10.

June 14th is the date for the Annual Chapter Meeting for Denver/CSI. Officers will be installed, awards presented and the usual big turn-out is expected.

The Annual Golf Tournament for the Associated General Contractors down New Mexico way is slated for June 23rd this year. The place: same as last time around . . . the Paradise Hills Country Club in Albuquerque.

Breaking ground for a beautiful new Staff Office Building - the Home Builders of Metro Denver. It will be located at East Evans and Jersey and completion is slated for November of this year. A lot of old timers are remembering when the "office" was in the trunk of Sam Steinmetz car. Tempus fugit!

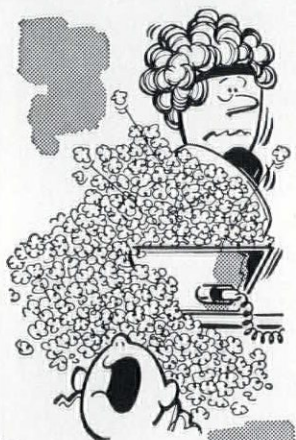
Ralph Bachelder of General Building Services, Inc. has been appointed a Director for Wood, Inc. of Colorado. He replaces Jim Barr who has had to resign because of business commitments.

Moving Day! They've been busy doing just that in Phoenix - Dick Baltimore (Formica) is now in Suite No. 6, 1606 East Catalina Drive - new 'phone: 248-0076 and Stanley Building Products has moved to 1237 North 32nd Street - 'phone: 267-1471.

Whoops! Gave Maxwell Saul and Associates the wrong telephone number in last month's issue . . . it's really 399-7871. Sorry, Max, the aardvarks were in the azaleas again!

Good news! The Colorado Division of Highways has signed one contract for the removal of 198 billboards by July 1. Officials are presently negotiating for removal of 200 more. 5,000 are supposed to come down by January 1, 1976!

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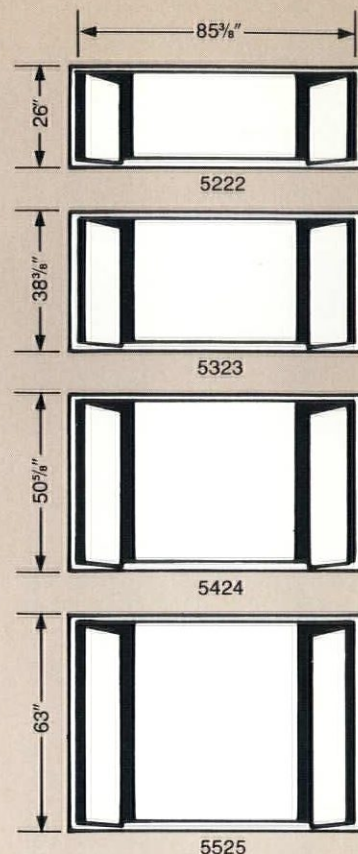
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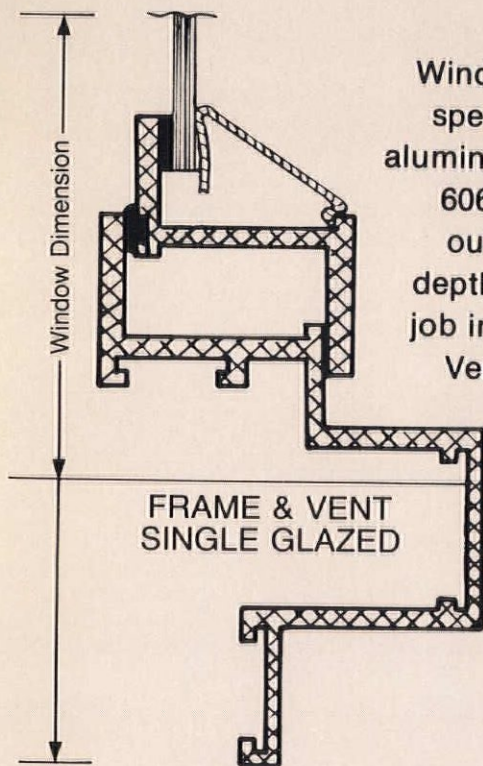
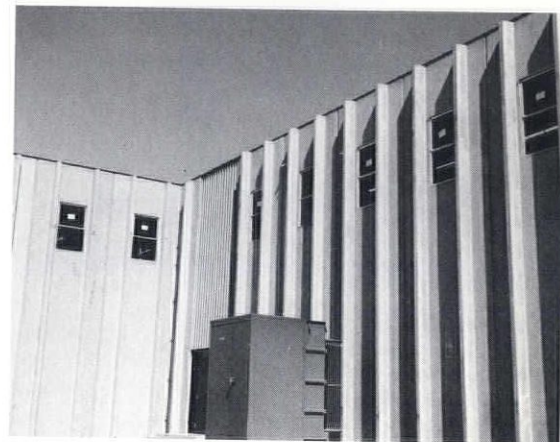
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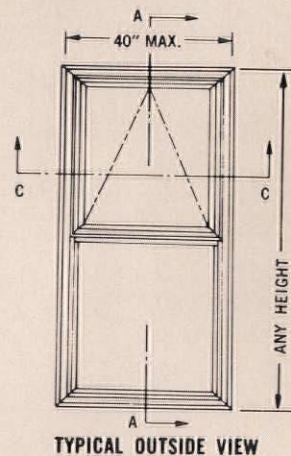
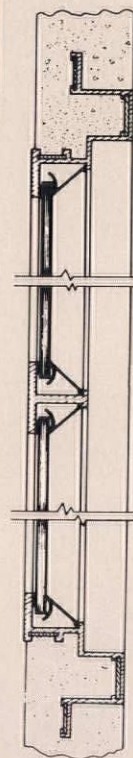
Special sizes can be provided with regular glass or up to  $\frac{5}{8}$ " insulating glass in Colorado. Usually shipped unglazed out of state.

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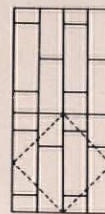
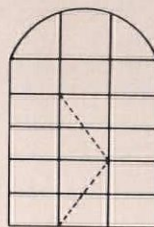
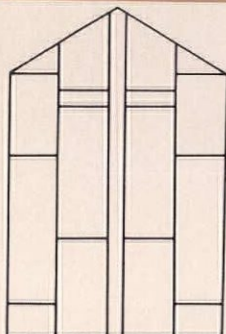
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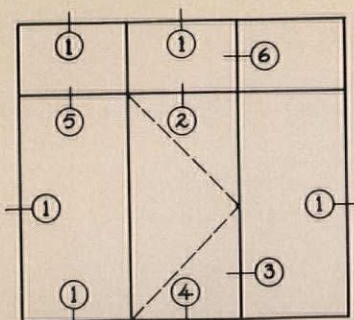
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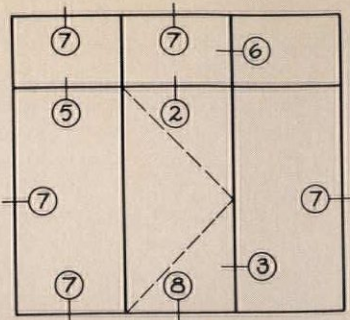
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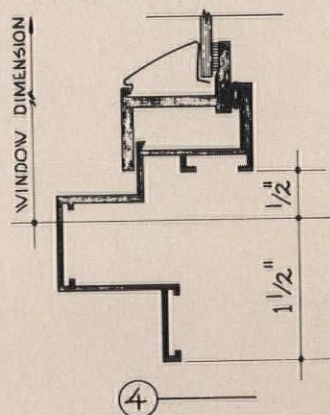
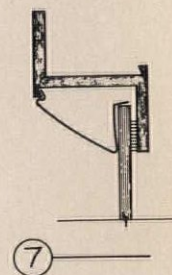
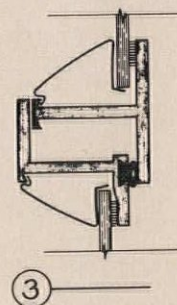
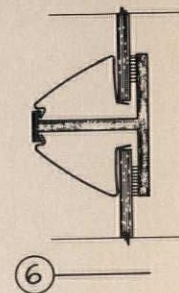
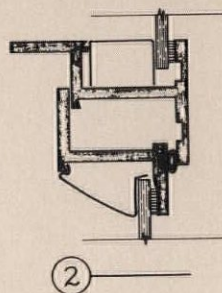
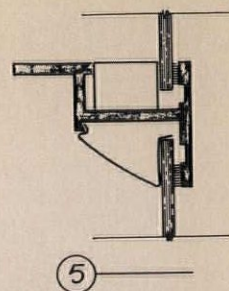
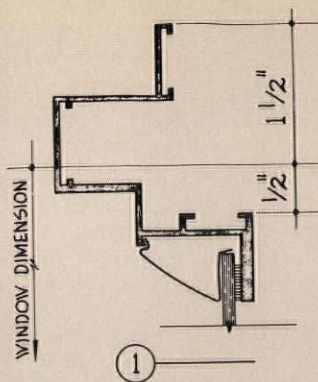
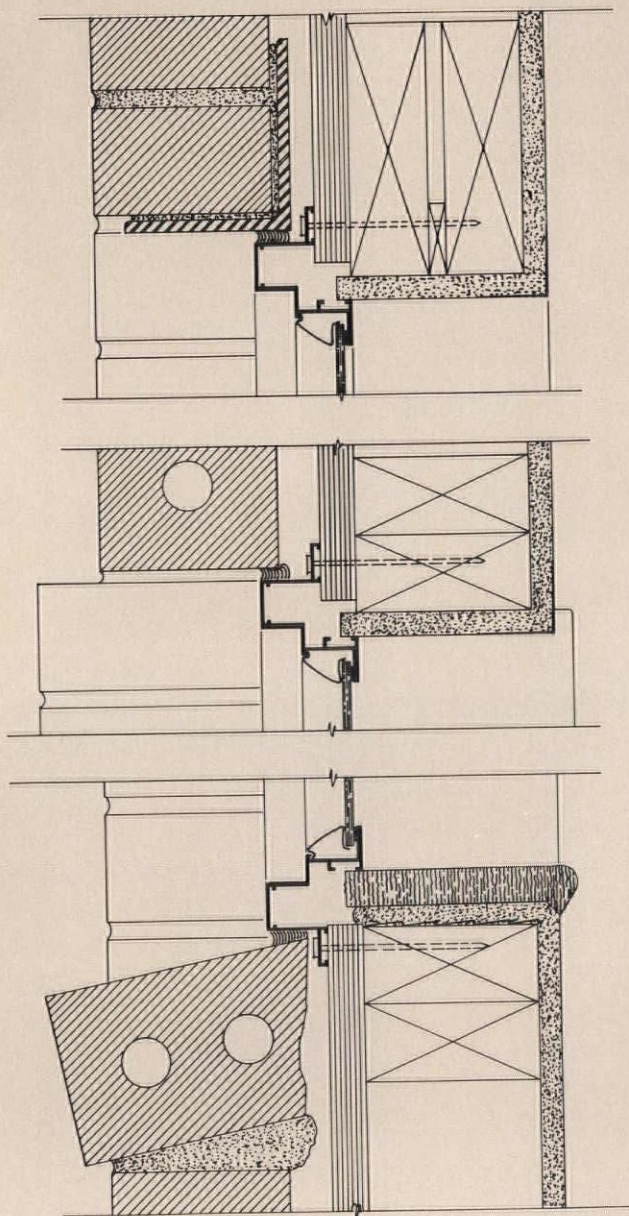




STANDARD CASEMENT



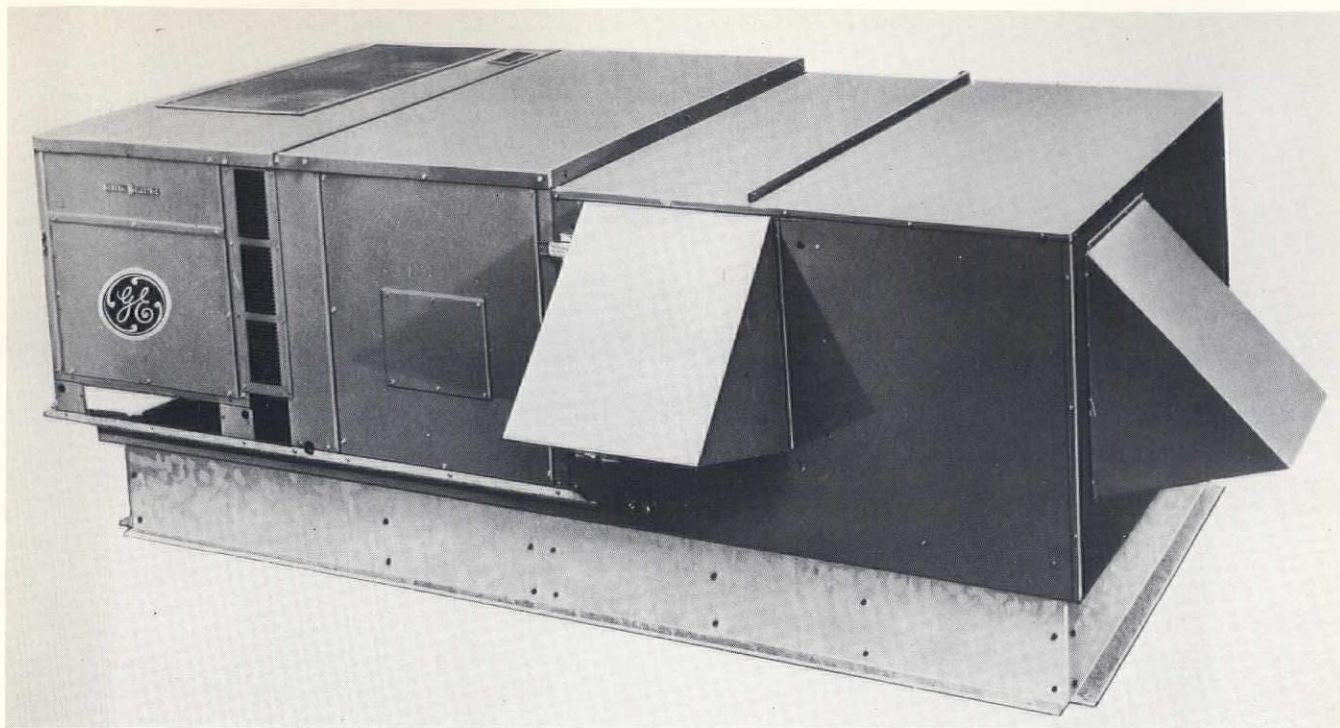
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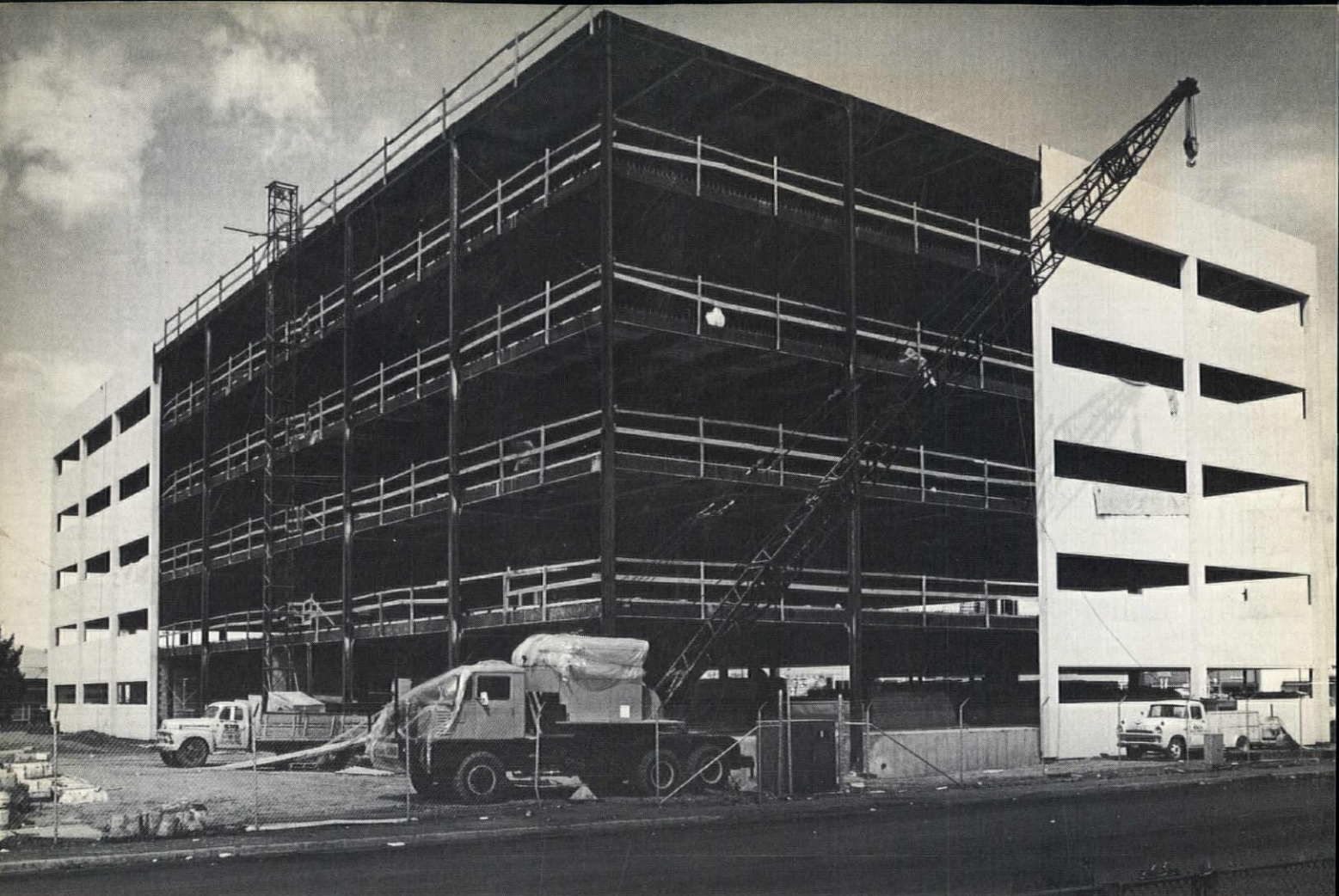
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